

Data Path : Z:\HPCHEM1\BNA F\Data\BF100716\
 Data File : BF090447.D
 Acq On : 7 Oct 2016 15:50
 Operator : UM/SJ
 Sample : H5102-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 07 17:32:21 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 14:57:00 2016
 Response via : Initial Calibration

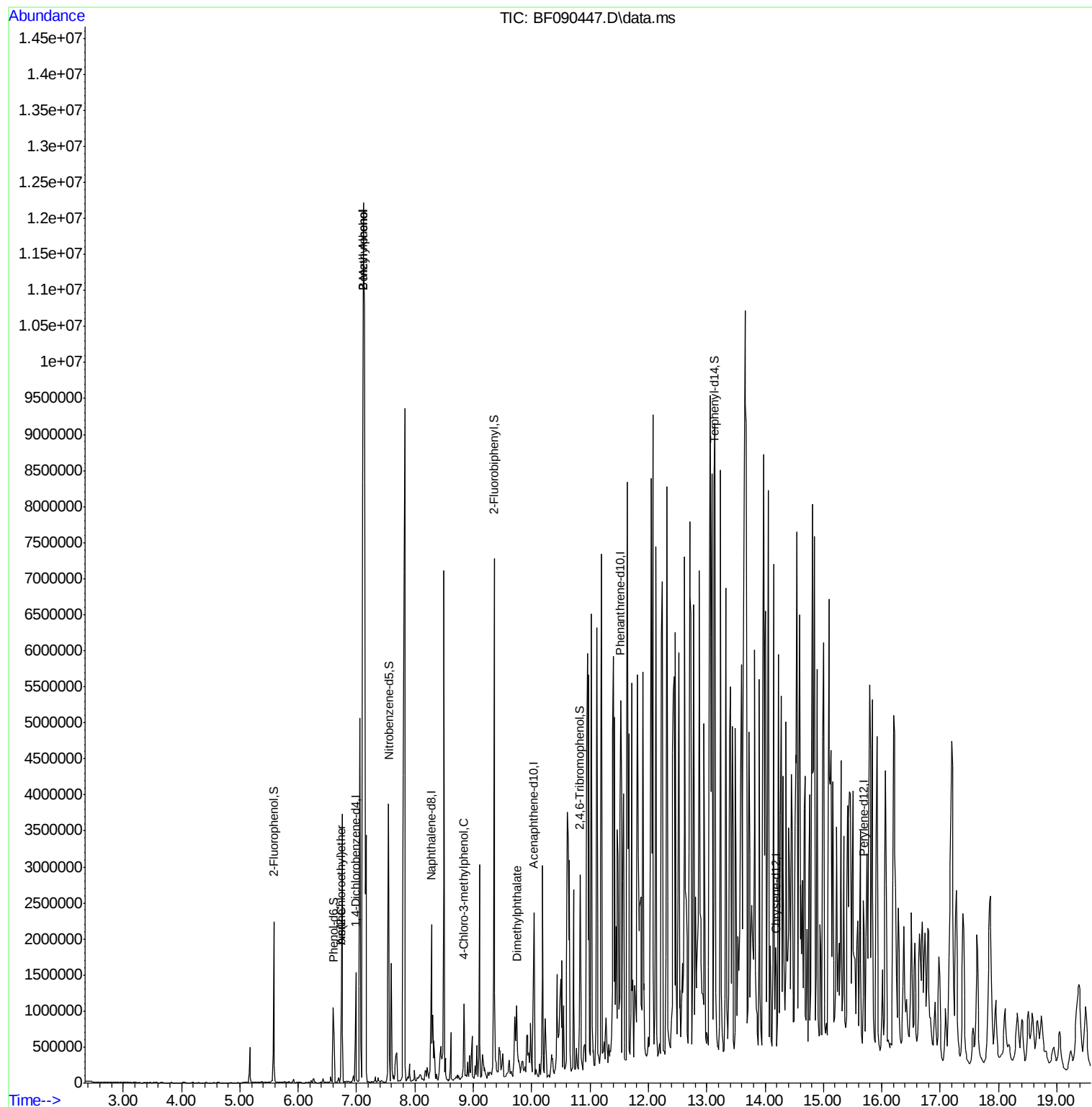
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.989	152	242956	20.00	ng	-0.01
21) Naphthalene-d8	8.280	136	1097470	20.00	ng	-0.01
38) Acenaphthene-d10	10.041	164	519629	20.00	ng	-0.01
63) Phenanthrene-d10	11.526	188	723129	20.00	ng	-0.02
75) Chrysene-d12	14.190	240	483209	20.00	ng	-0.01
86) Perylene-d12	15.687	264	433890	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.583	112	547120	33.61	ng	-0.02
7) Phenol-d6	6.600	99	461133	21.63	ng	-0.02
23) Nitrobenzene-d5	7.549	82	1396692	61.91	ng	-0.02
41) 2,4,6-Tribromophenol	10.829	330	274162	64.89	ng	-0.02
44) 2-Fluorobiphenyl	9.355	172	2170402	69.59	ng	-0.02
78) Terphenyl-d14	13.127	244	1886619	87.78	ng	-0.01
Target Compounds						
6) Aniline	6.737	93	115776	3.93	ng	# 90
11) bis(2-Chloroethyl)ether	6.737	93	115776	6.10	ng	# 22
15) Benzyl Alcohol	7.115	79	1778468	109.73	ng	# 58
17) 2-Methylphenol	7.115	107	1024629	69.55	ng	# 1
36) 4-Chloro-3-methylphenol	8.840	107	39759	2.23	ng	# 21
49) Dimethylphthalate	9.743	163	232603	6.99	ng	97

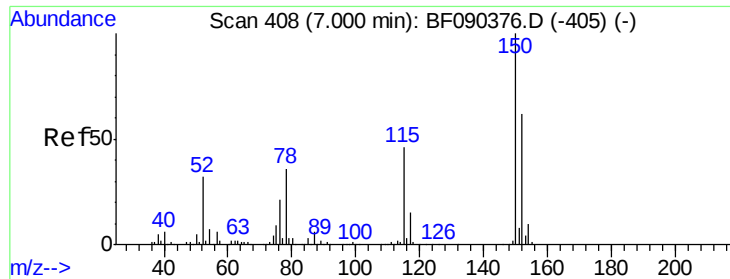
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 07 17:32:21 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 05 14:57:00 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.989 min Scan# 40

Delta R.T. -0.011 min

Lab File: BF090447.D

Acq: 7 Oct 2016 15:50

Instrument :

BNA_F

ClientSampleId :

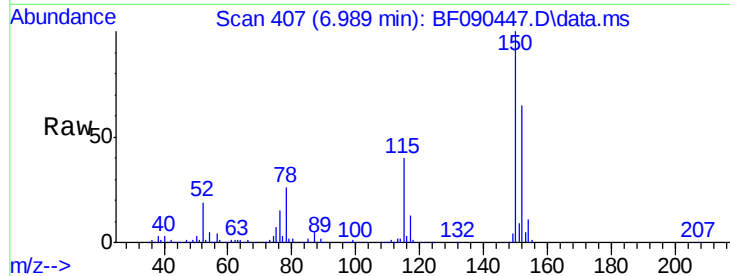
Tot Ion:152 Resp: 242956

Ion Ratio Lower Upper

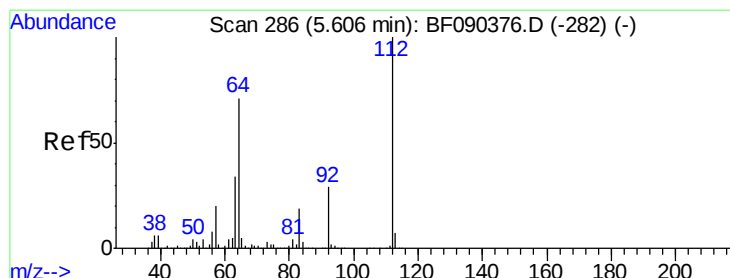
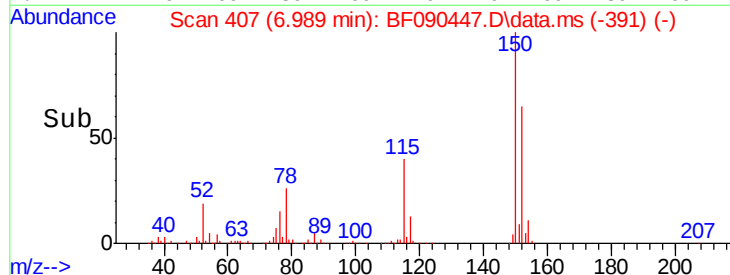
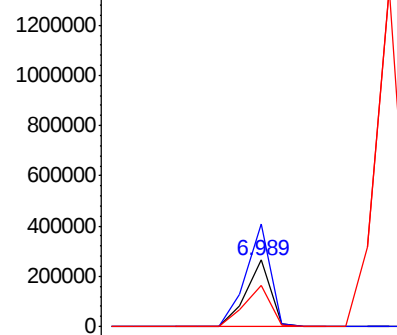
152 100

150 154.5 124.6 186.8

115 61.5 46.2 69.4



Abundance



#5

2-Fluorophenol

Concen: 33.61 ng

RT: 5.583 min Scan# 284

Delta R.T. -0.022 min

Lab File: BF090447.D

Acq: 7 Oct 2016 15:50

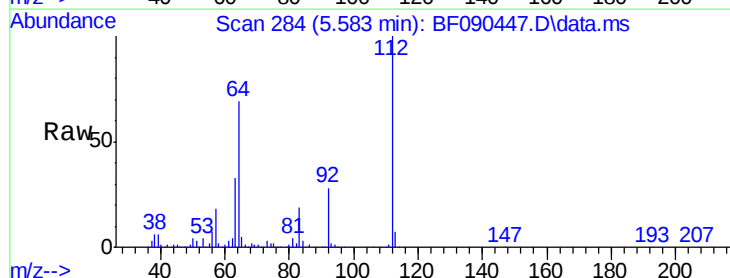
Tgt Ion:112 Resp: 547120

Ion Ratio Lower Upper

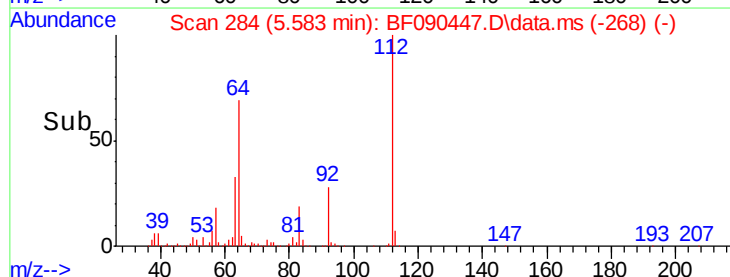
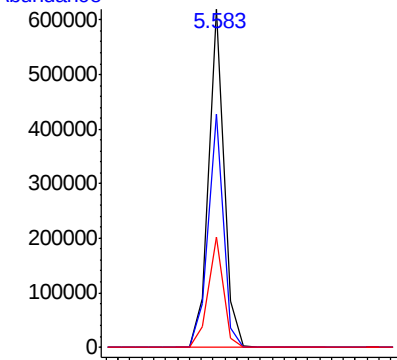
112 100

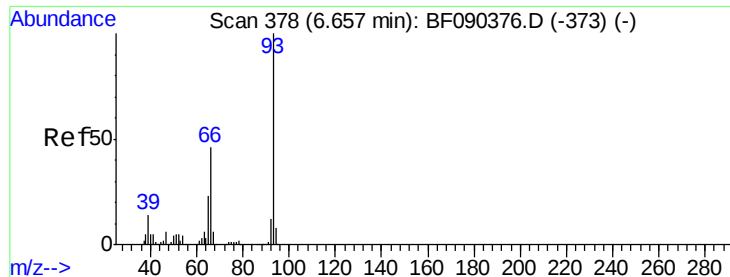
64 69.1 57.9 86.9

63 32.7 29.6 44.4



Abundance





#6

Aniline

Concen: 3.93 ng

RT: 6.737 min Scan# 381

Delta R.T. 0.080 min

Lab File: BF090447.D

Acq: 7 Oct 2016 15:50

Instrument :

BNA_F

ClientSampleId :

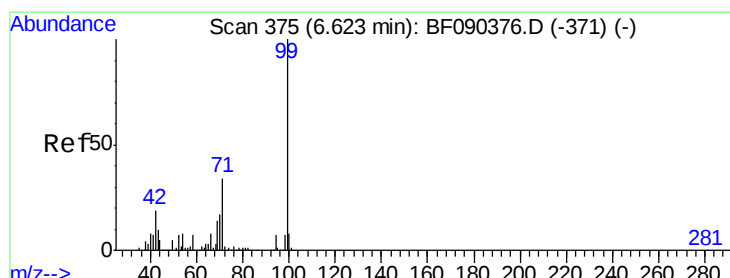
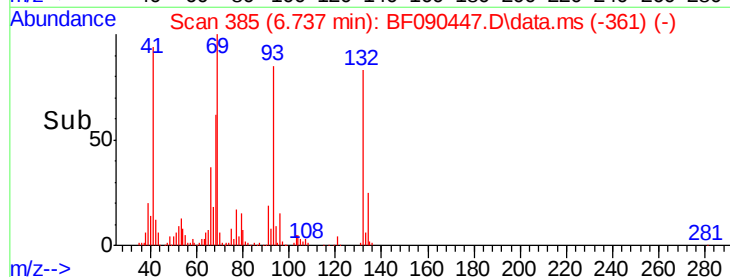
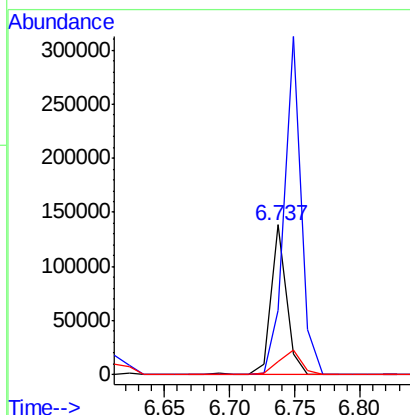
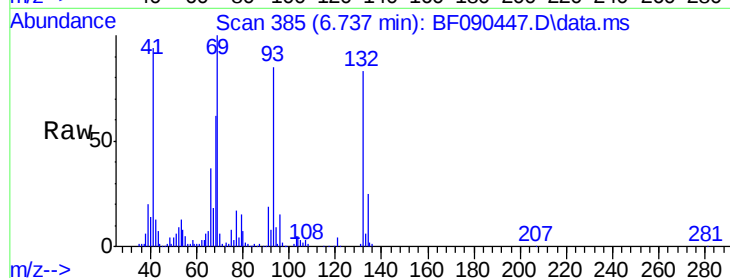
Tot Ion: 93 Resp: 115776

Ion Ratio Lower Upper

93 100

66 43.1 34.5 51.7

65 8.5 18.2 27.2#



#7

Phenol-d6

Concen: 21.63 ng

RT: 6.600 min Scan# 373

Delta R.T. -0.023 min

Lab File: BF090447.D

Acq: 7 Oct 2016 15:50

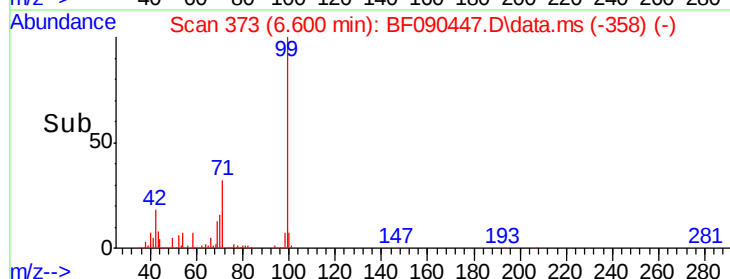
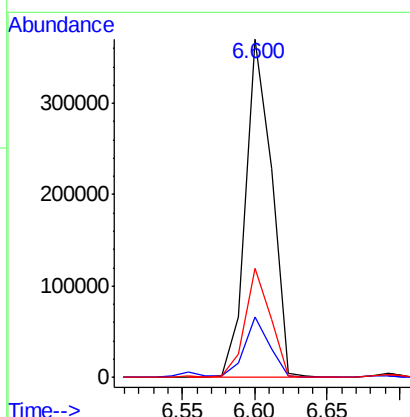
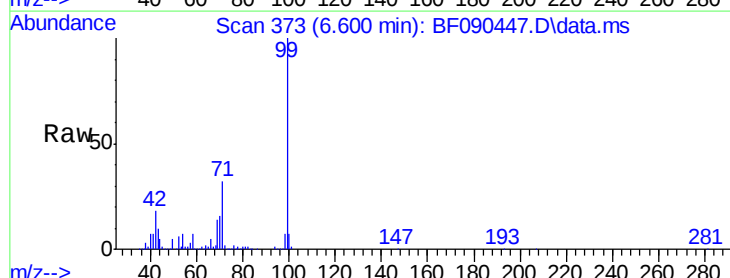
Tgt Ion: 99 Resp: 461133

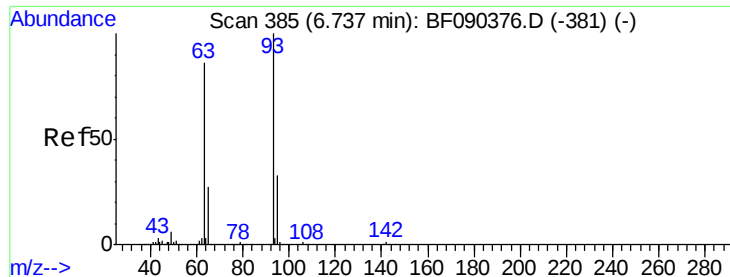
Ion Ratio Lower Upper

99 100

42 18.0 20.0 30.0#

71 32.3 27.9 41.9

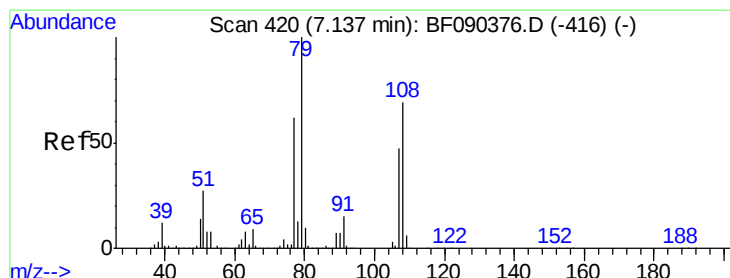
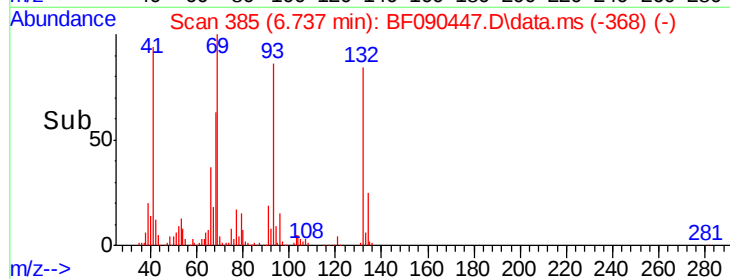
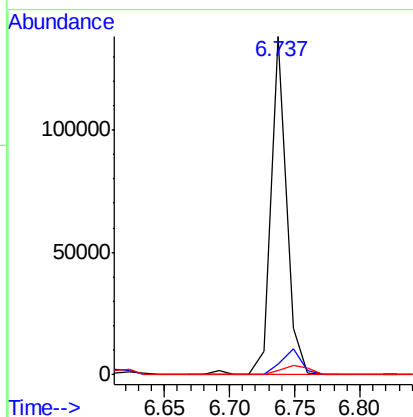
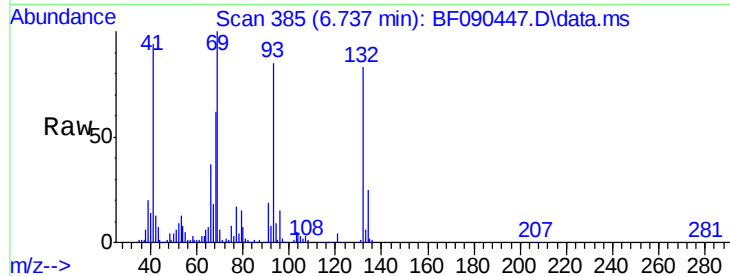




#11
bis(2-Chloroethyl)ether
Concen: 6.10 ng
RT: 6.737 min Scan# 381
Delta R.T. 0.000 min
Lab File: BF090447.D
Acq: 7 Oct 2016 15:50

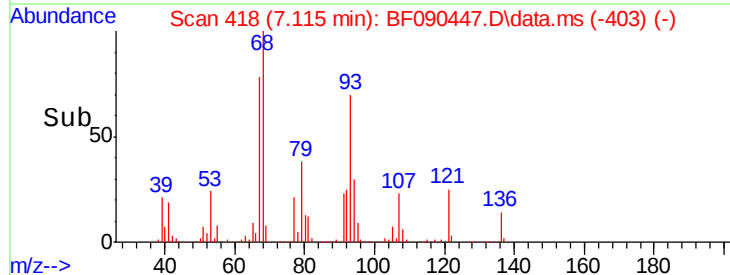
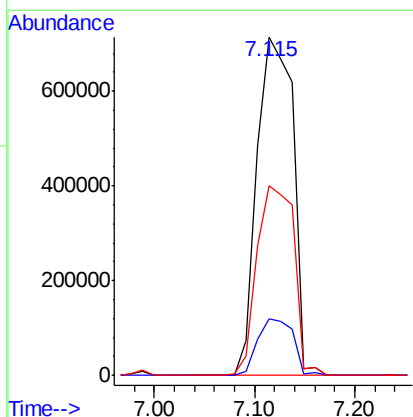
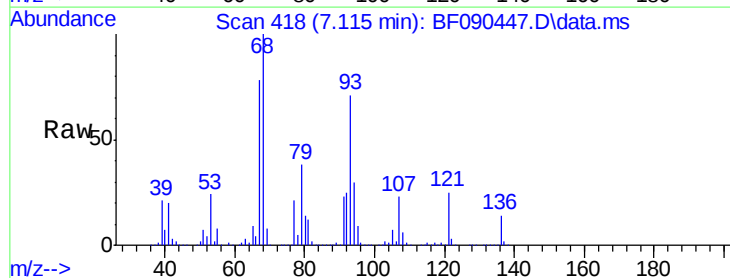
Instrument :
BNA_F
ClientSampleId :

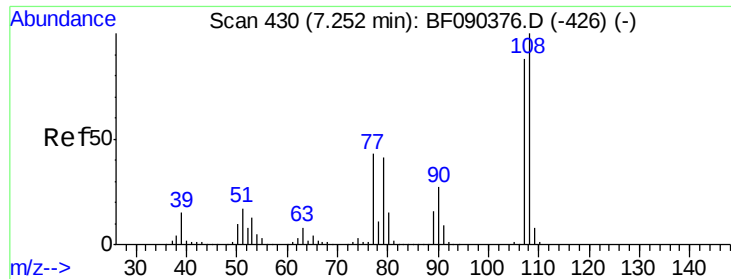
Tot Ion: 93 Resp: 115776
Ion Ratio Lower Upper
93 100
63 3.2 59.7 99.7#
95 1.0 14.0 54.0#



#15
Benzyl Alcohol
Concen: 109.73 ng
RT: 7.115 min Scan# 418
Delta R.T. -0.023 min
Lab File: BF090447.D
Acq: 7 Oct 2016 15:50

Tgt Ion: 79 Resp: 1778468
Ion Ratio Lower Upper
79 100
108 16.7 60.9 91.3#
77 56.1 51.5 77.3

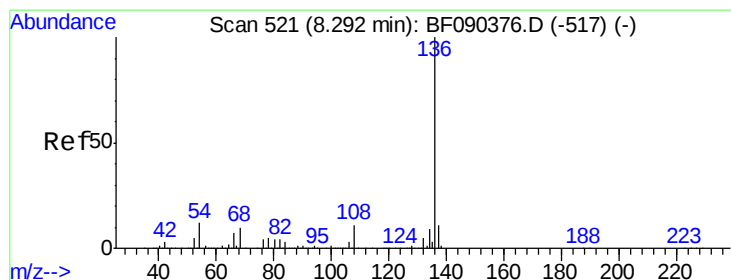
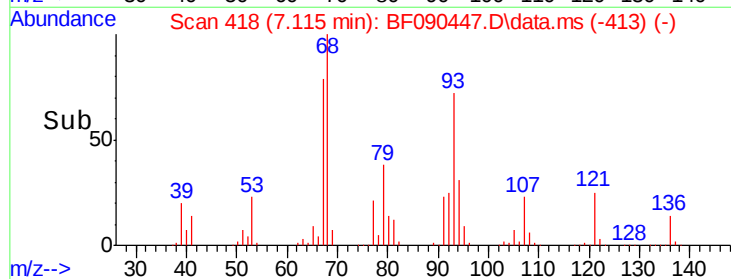
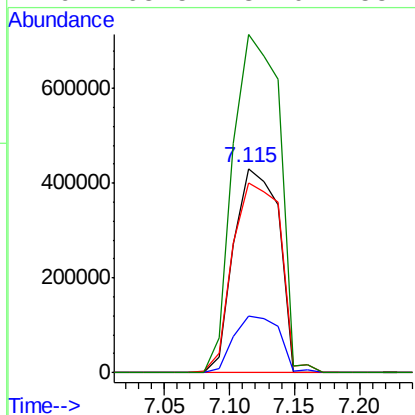
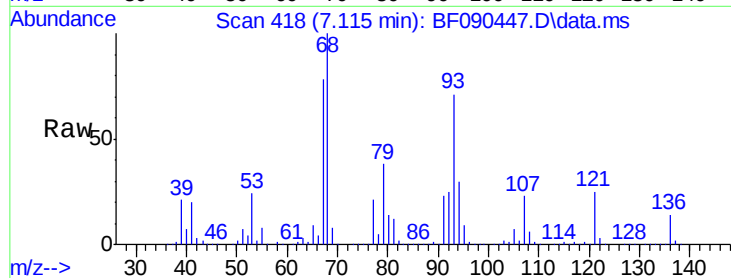




#17
2-Methylphenol
Concen: 69.55 ng
RT: 7.115 min Scan# 41
Delta R.T. -0.137 min
Lab File: BF090447.D
Acq: 7 Oct 2016 15:50

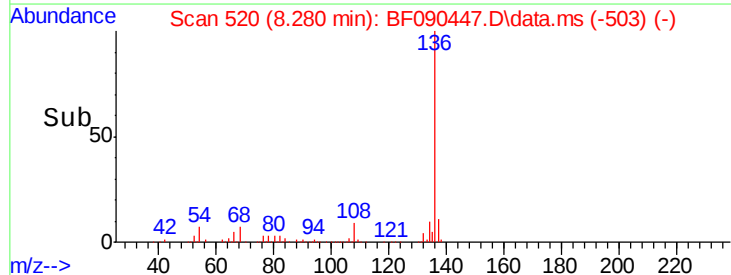
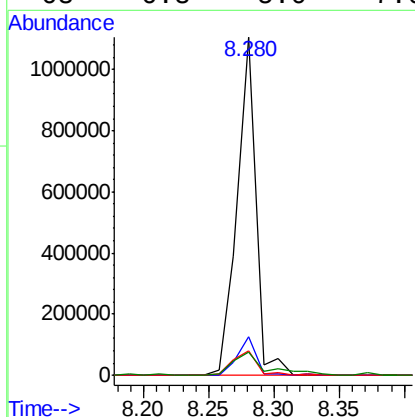
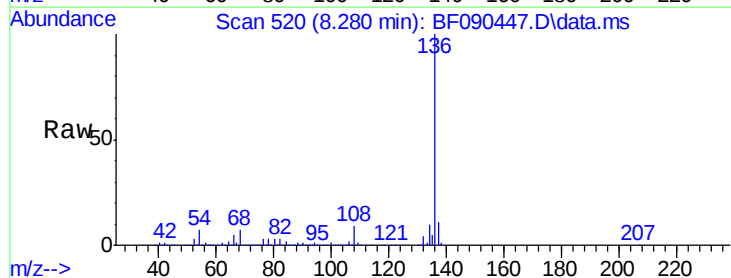
Instrument :
BNA_F
ClientSampleId :

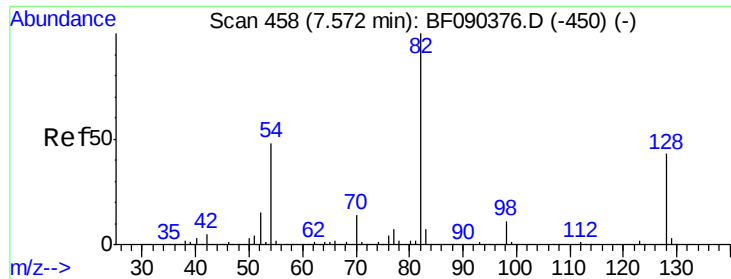
Tot Ion:107 Resp: 1024629
Ion Ratio Lower Upper
107 100
108 27.6 90.9 136.3#
77 92.9 38.2 57.4#
79 165.5 37.0 55.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.280 min Scan# 520
Delta R.T. -0.011 min
Lab File: BF090447.D
Acq: 7 Oct 2016 15:50

Tgt Ion:136 Resp: 1097470
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 7.4 6.6 10.0
68 6.8 5.0 7.6





#23

Nitrobenzene-d5

Concen: 61.91 ng

RT: 7.549 min Scan# 45

Delta R.T. -0.023 min

Lab File: BF090447.D

Acq: 7 Oct 2016 15:50

Instrument :

BNA_F

ClientSampleId :

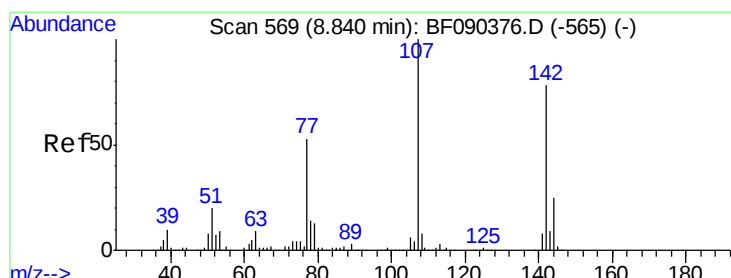
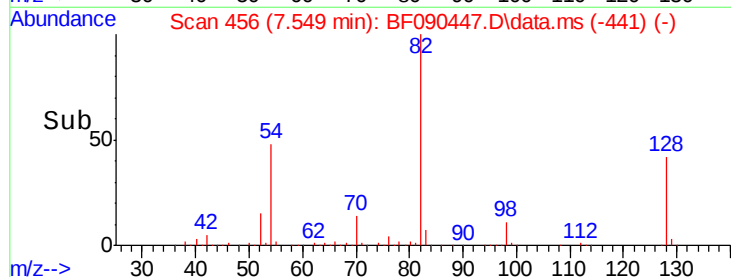
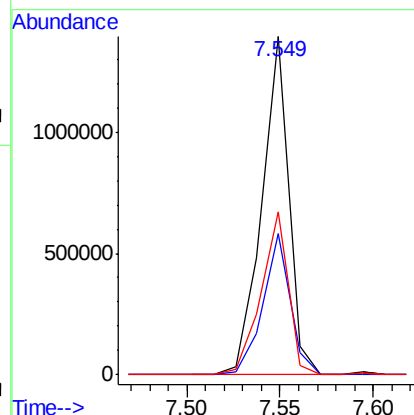
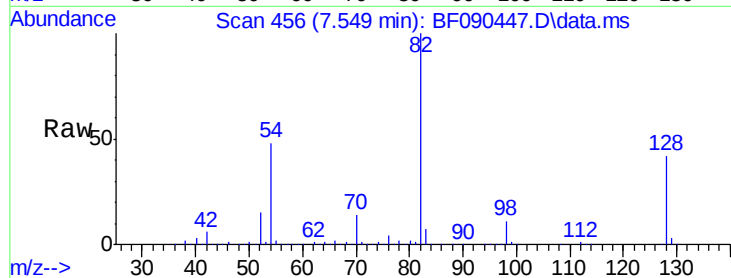
Tot Ion: 82 Resp: 1396692

Ion Ratio Lower Upper

82 100

128 41.8 40.0 60.0

54 48.0 42.6 64.0



#36

4-Chloro-3-methylphenol

Concen: 2.23 ng

RT: 8.840 min Scan# 569

Delta R.T. 0.000 min

Lab File: BF090447.D

Acq: 7 Oct 2016 15:50

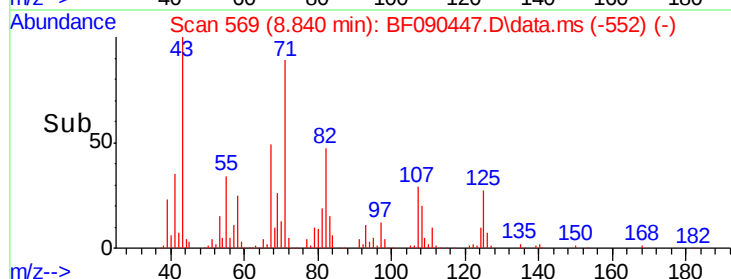
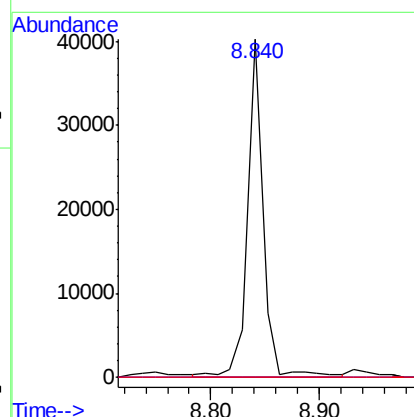
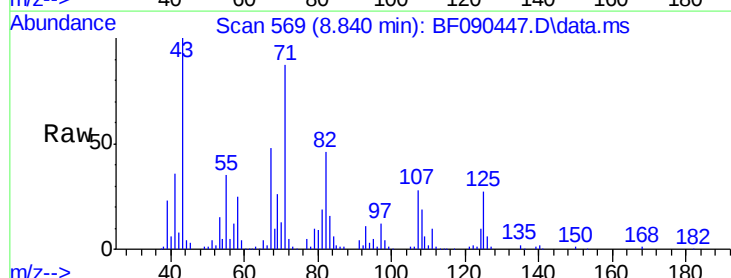
Tgt Ion: 107 Resp: 39759

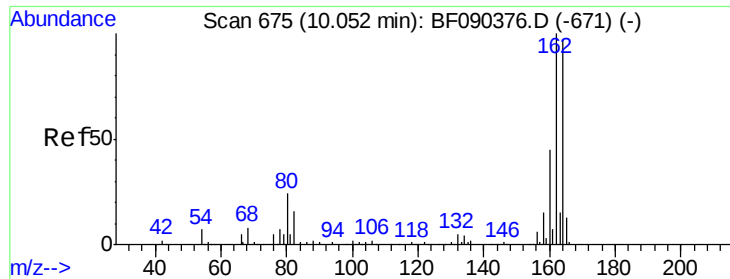
Ion Ratio Lower Upper

107 100

144 0.0 19.8 29.8#

142 0.0 60.7 91.1#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.041 min Scan# 67

Delta R.T. -0.011 min

Lab File: BF090447.D

Acq: 7 Oct 2016 15:50

Instrument :

BNA_F

ClientSampleId :

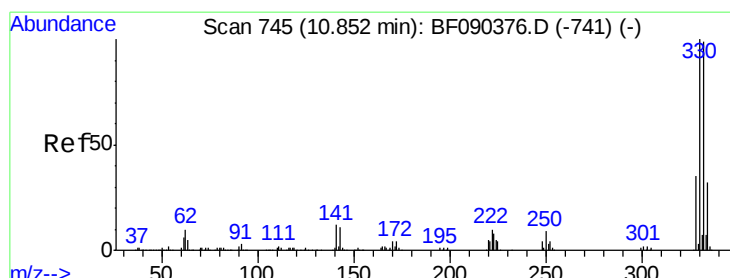
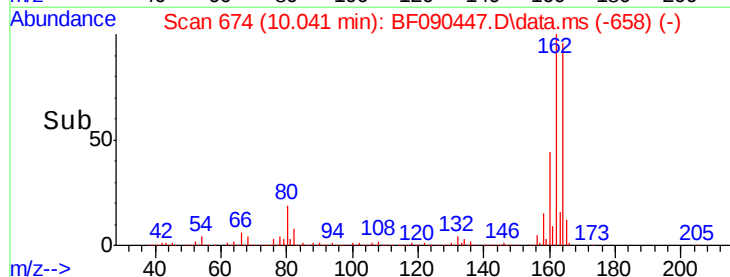
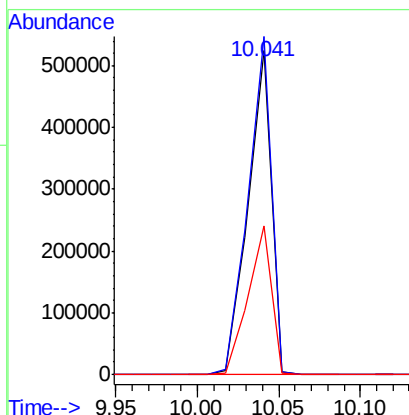
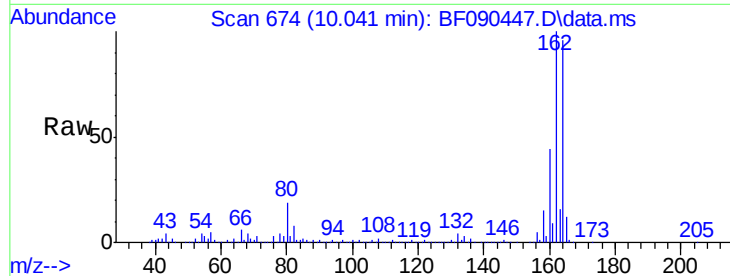
Tot Ion:164 Resp: 519629

Ion Ratio Lower Upper

164 100

162 104.3 80.1 120.1

160 45.9 36.3 54.5



#41

2,4,6-Tribromophenol

Concen: 64.89 ng

RT: 10.829 min Scan# 743

Delta R.T. -0.023 min

Lab File: BF090447.D

Acq: 7 Oct 2016 15:50

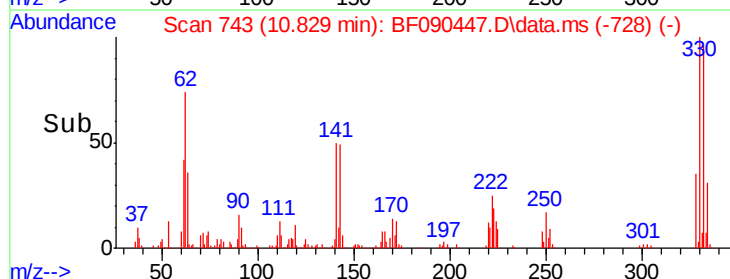
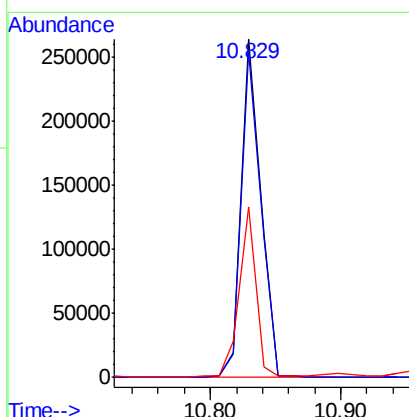
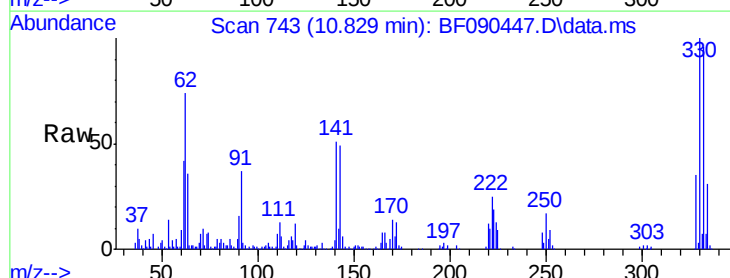
Tgt Ion:330 Resp: 274162

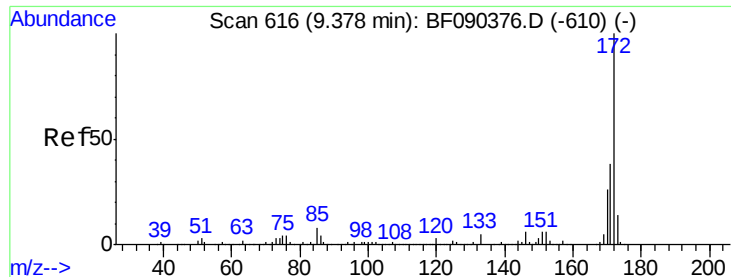
Ion Ratio Lower Upper

330 100

332 96.3 75.4 113.0

141 42.7 26.9 40.3#

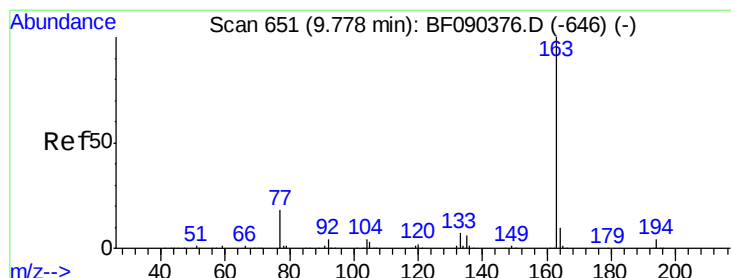
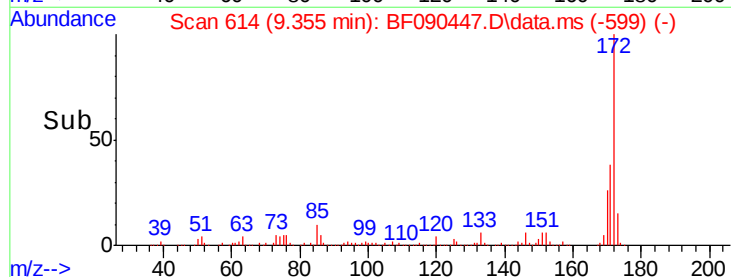
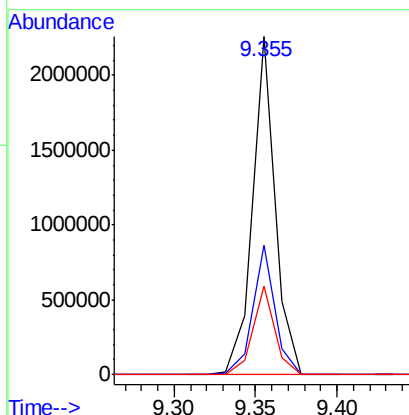
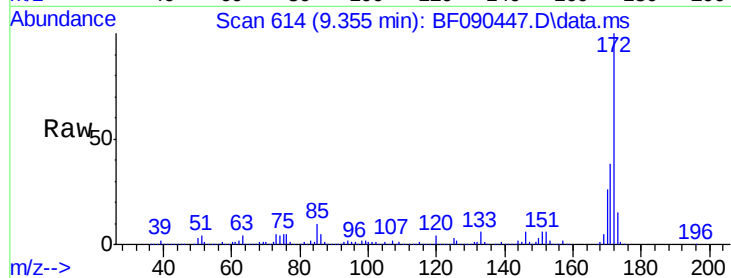




#44
2-Fluorobiphenyl
Concen: 69.59 ng
RT: 9.355 min Scan# 61
Delta R.T. -0.023 min
Lab File: BF090447.D
Acq: 7 Oct 2016 15:50

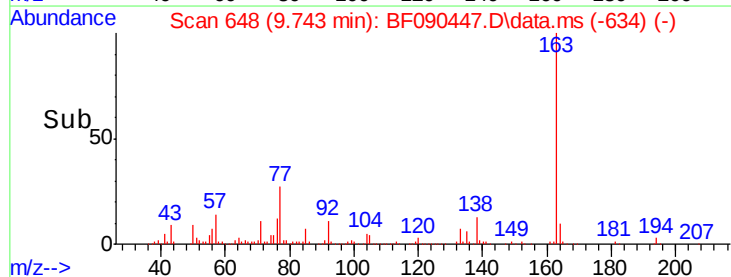
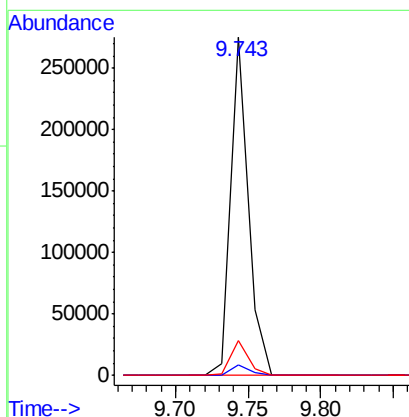
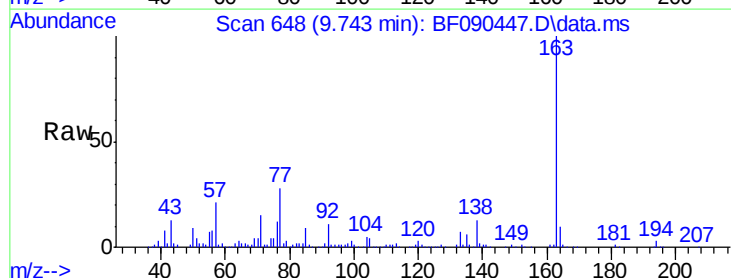
Instrument :
BNA_F
ClientSampleId :

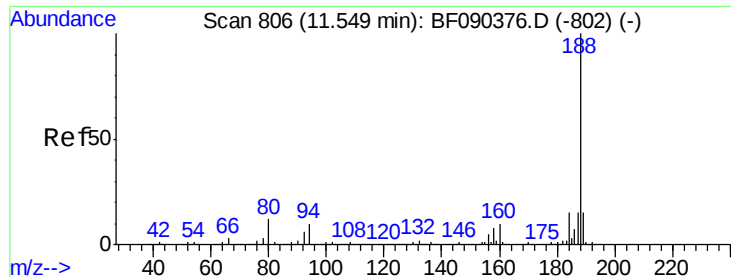
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.8	47.8
170	26.0	21.7	32.5



#49
Dimethylphthalate
Concen: 6.99 ng
RT: 9.743 min Scan# 648
Delta R.T. -0.034 min
Lab File: BF090447.D
Acq: 7 Oct 2016 15:50

Tgt Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.8	4.2
164	10.1	9.0	13.4

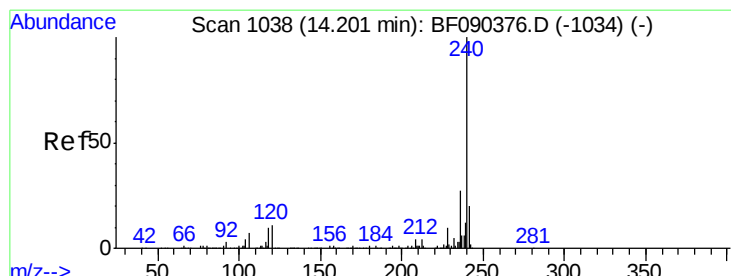
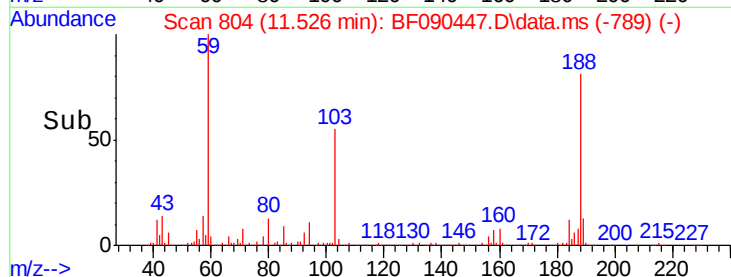
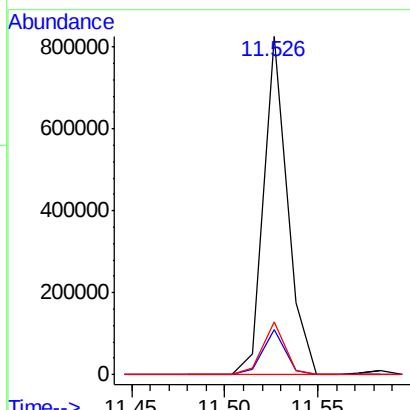
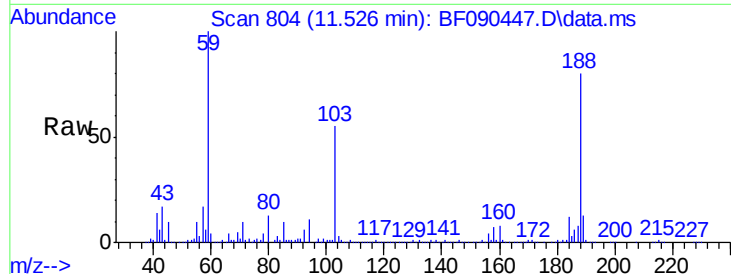




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.526 min Scan# 80
Delta R.T. -0.023 min
Lab File: BF090447.D
Acq: 7 Oct 2016 15:50

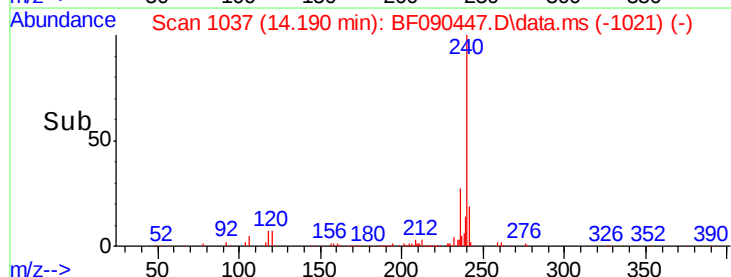
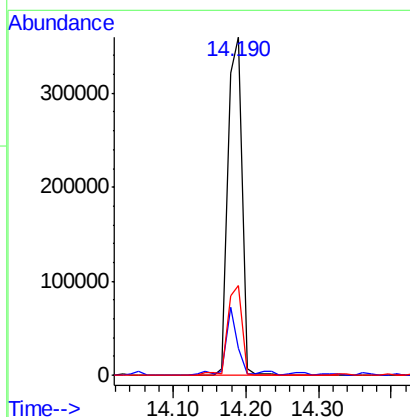
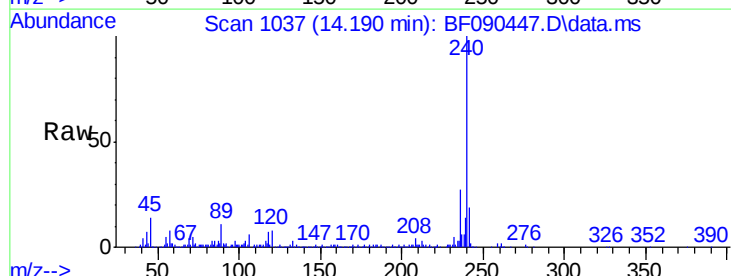
Instrument :
BNA_F
ClientSampleId :

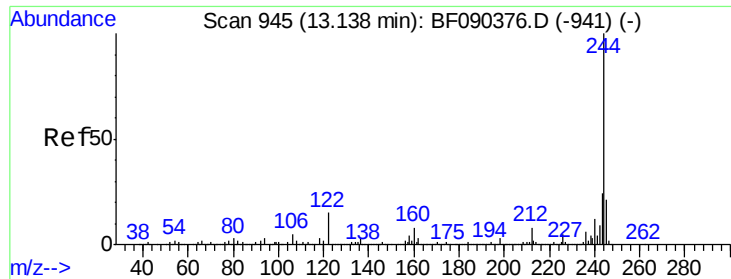
Tot Ion	Ratio	Lower	Upper
188	100		
94	13.4	8.2	12.2#
80	15.8	8.8	13.2#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.190 min Scan# 1037
Delta R.T. -0.011 min
Lab File: BF090447.D
Acq: 7 Oct 2016 15:50

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.2	8.6	13.0#
236	26.7	21.6	32.4





#78

Terphenyl-d14

Concen: 87.78 ng

RT: 13.127 min Scan# 94

Delta R.T. -0.011 min

Lab File: BF090447.D

Acq: 7 Oct 2016 15:50

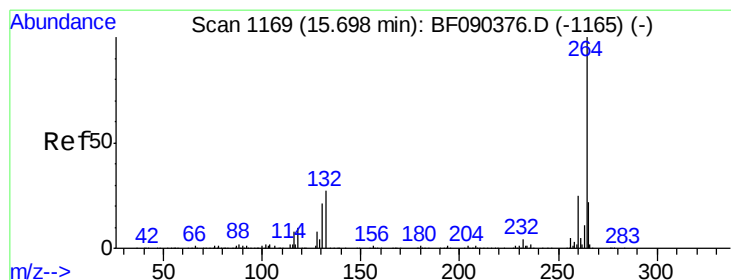
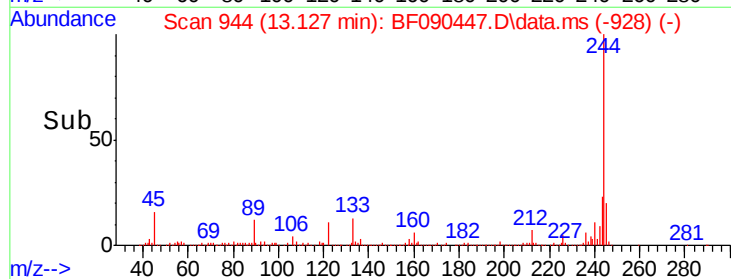
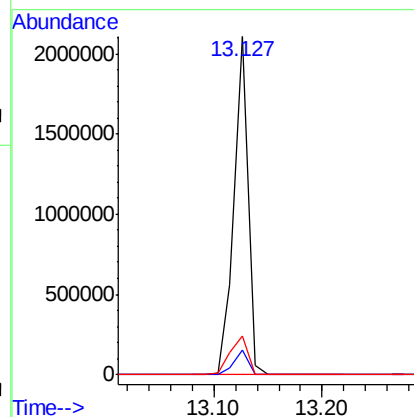
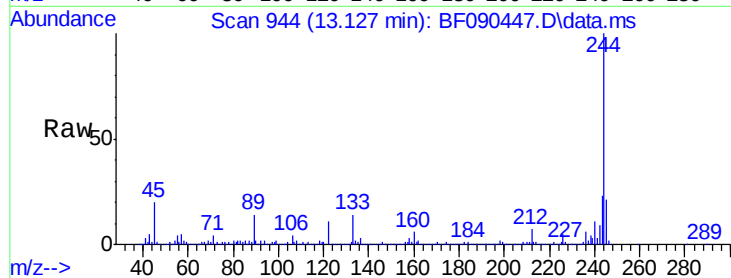
Instrument :

BNA_F

ClientSampled :

Tot Ion:244 Resp: 1886619

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.8	10.2
122	11.4	13.3	19.9#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.687 min Scan# 1168

Delta R.T. -0.011 min

Lab File: BF090447.D

Acq: 7 Oct 2016 15:50

Tgt Ion:264 Resp: 433890

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.3	28.9
265	21.5	17.4	26.0

