

Data Path : Z:\HPCHEM1\BNA F\Data\BF101016\
 Data File : BF090487.D
 Acq On : 10 Oct 2016 18:46
 Operator : UM/SJ
 Sample : H5148-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-WH-DRUM-02-C

Quant Time: Oct 11 11:08:25 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

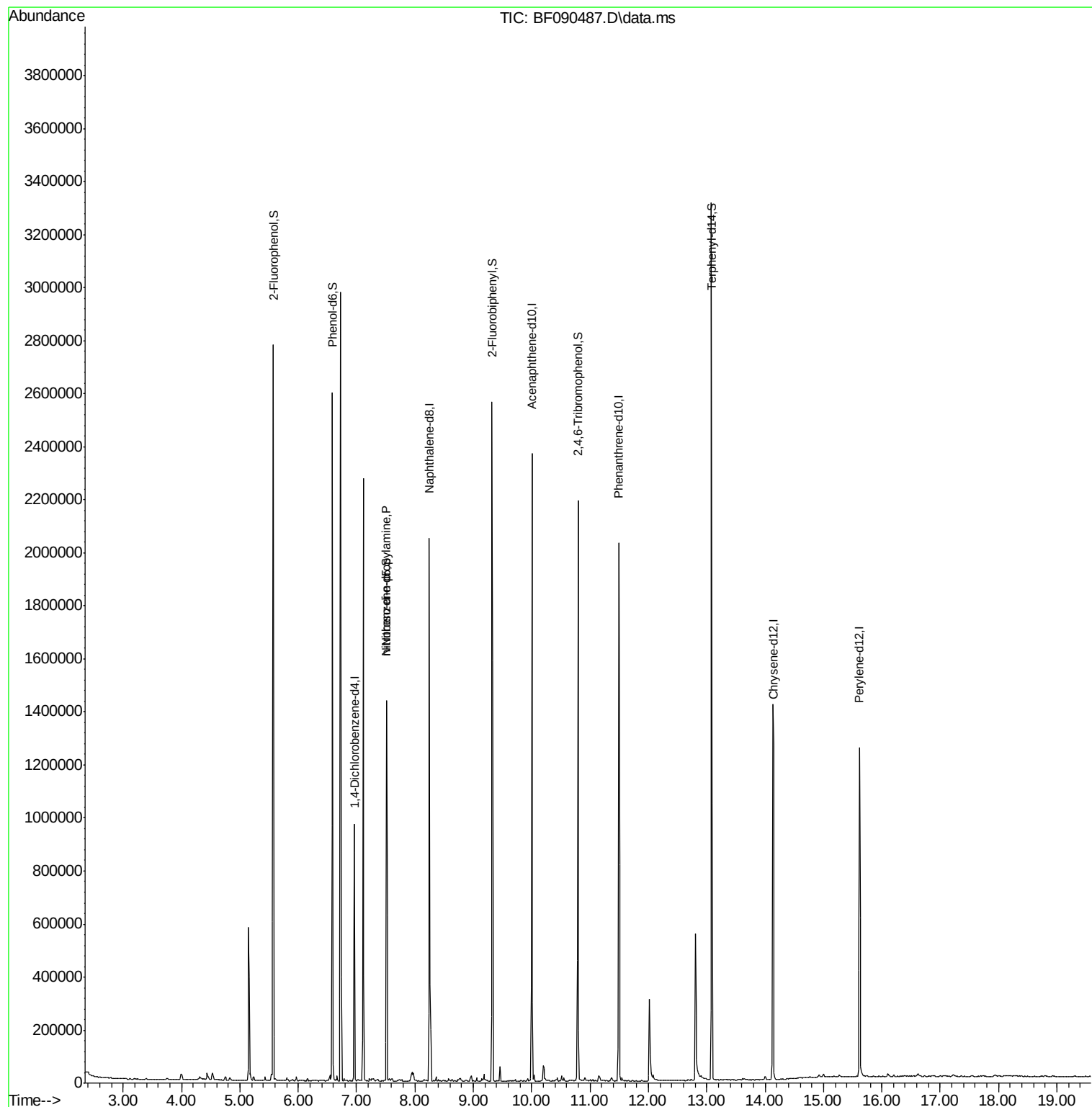
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.966	152	211463	20.00	ng	-0.03
21) Naphthalene-d8	8.246	136	882046	20.00	ng	-0.05
38) Acenaphthene-d10	10.006	164	468920	20.00	ng	-0.05
63) Phenanthrene-d10	11.492	188	776804	20.00	ng	-0.06
75) Chrysene-d12	14.144	240	674744	20.00	ng	-0.06
86) Perylene-d12	15.618	264	548888	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.571	112	698636	49.31	ng	-0.03
7) Phenol-d6	6.589	99	956418	51.54	ng	-0.03
23) Nitrobenzene-d5	7.514	82	548052	30.22	ng	-0.06
41) 2,4,6-Tribromophenol	10.795	330	222833	58.44	ng	-0.06
44) 2-Fluorobiphenyl	9.320	172	1024563	36.40	ng	-0.06
78) Terphenyl-d14	13.081	244	1043007	34.75	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.514	70	71624	5.26	ng	Qvalue # 64

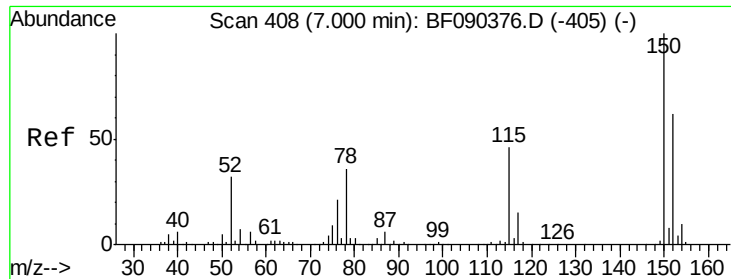
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 05 14:57:00 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.966 min Scan# 40

Delta R.T. -0.035 min

Lab File: BF090487.D

Acq: 10 Oct 2016 18:46

Instrument :

BNA_F

ClientSampleId :

WC-WH-DRUM-02-C

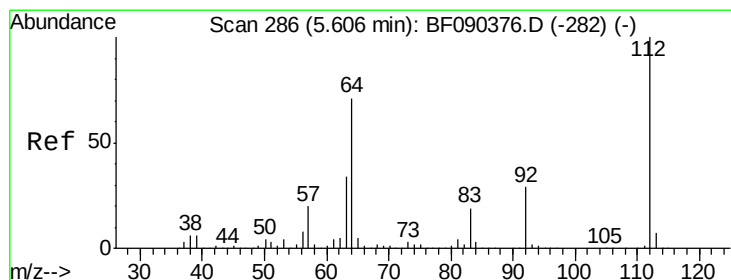
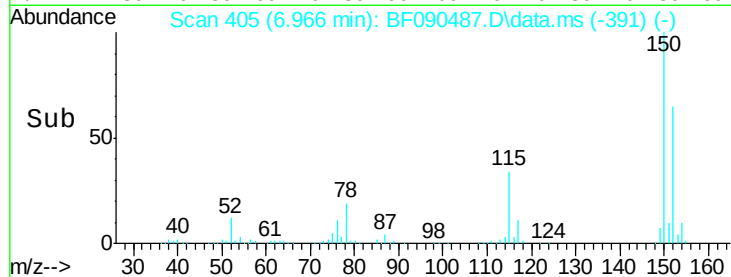
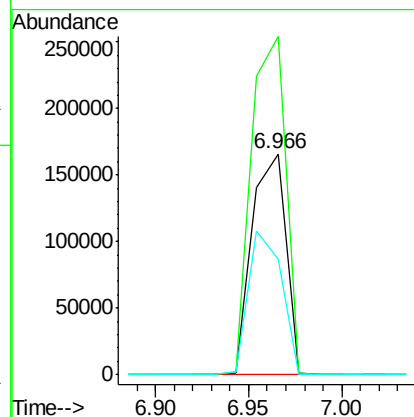
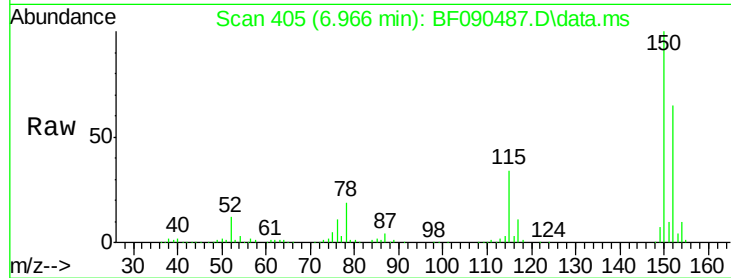
Tot Ion:152 Resp: 211463

Ion Ratio Lower Upper

152 100

150 153.2 124.6 186.8

115 52.3 46.2 69.4



#5

2-Fluorophenol

Concen: 49.31 ng

RT: 5.571 min Scan# 283

Delta R.T. -0.034 min

Lab File: BF090487.D

Acq: 10 Oct 2016 18:46

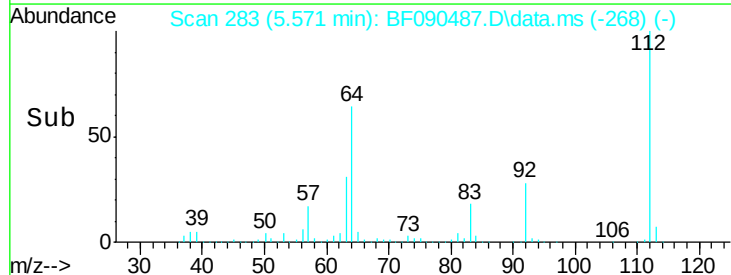
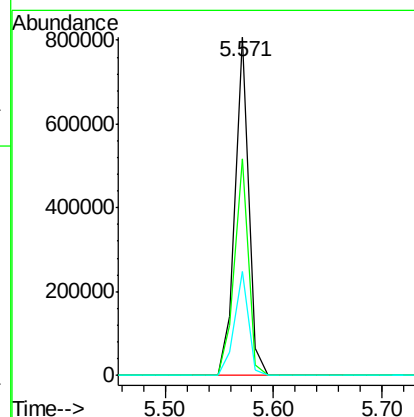
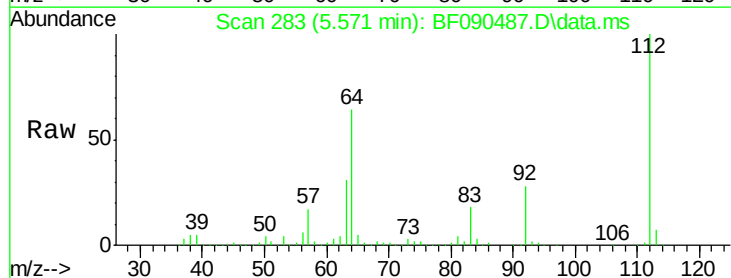
Tgt Ion:112 Resp: 698636

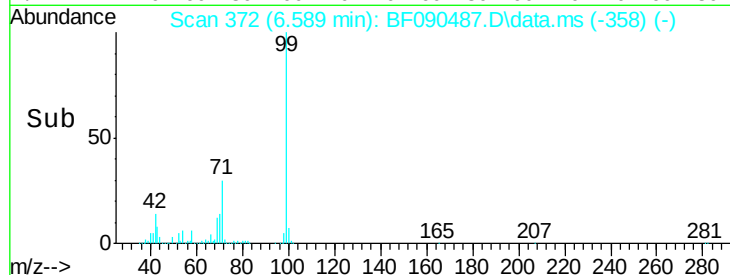
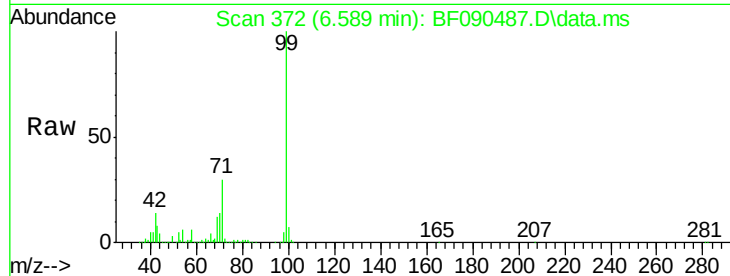
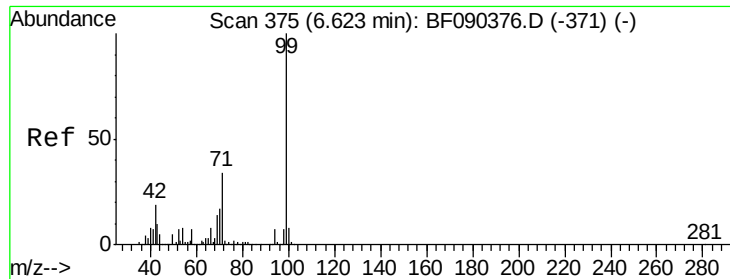
Ion Ratio Lower Upper

112 100

64 64.1 57.9 86.9

63 30.8 29.6 44.4





#7

Phenol-d6

Concen: 51.54 ng

RT: 6.589 min Scan# 37

Delta R.T. -0.034 min

Lab File: BF090487.D

Acq: 10 Oct 2016 18:46

Instrument :

BNA_F

ClientSampleId :

WC-WH-DRUM-02-C

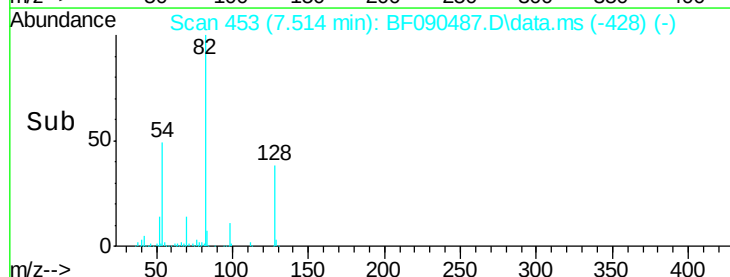
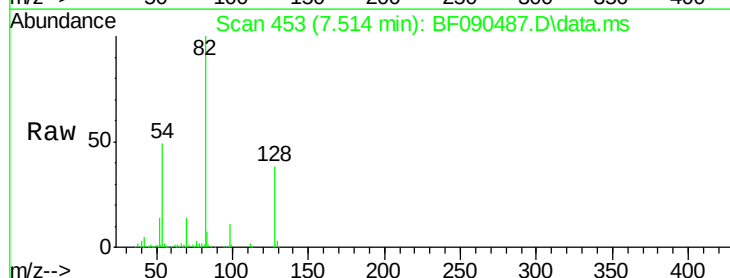
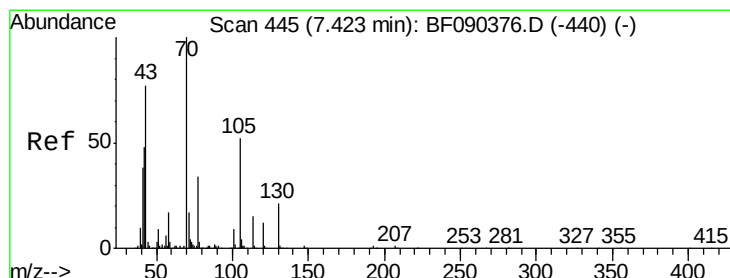
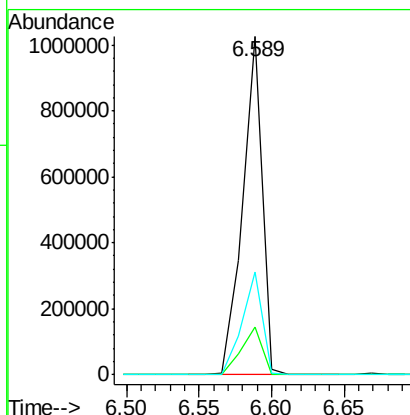
Tot Ion: 99 Resp: 956418

Ion Ratio Lower Upper

99 100

42 13.9 20.0 30.0#

71 30.4 27.9 41.9



#19

n-Nitroso-di-n-propylamine

Concen: 5.26 ng

RT: 7.514 min Scan# 453

Delta R.T. 0.091 min

Lab File: BF090487.D

Acq: 10 Oct 2016 18:46

Tgt Ion: 70 Resp: 71624

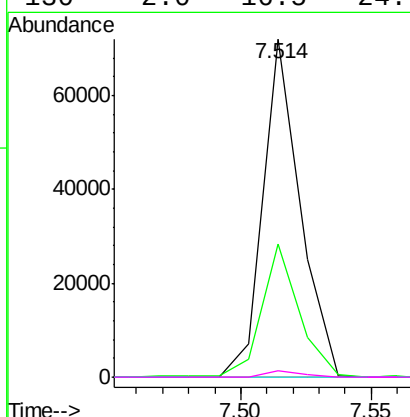
Ion Ratio Lower Upper

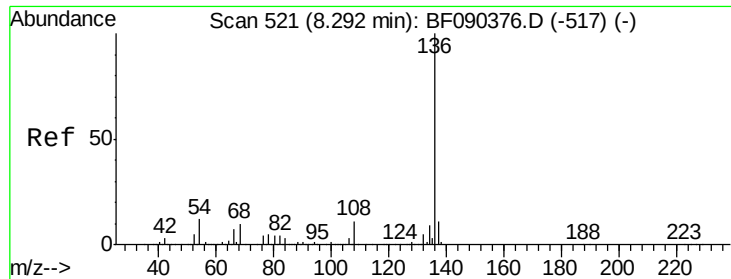
70 100

42 39.3 55.4 83.2#

101 0.0 7.6 11.4#

130 2.0 16.5 24.7#

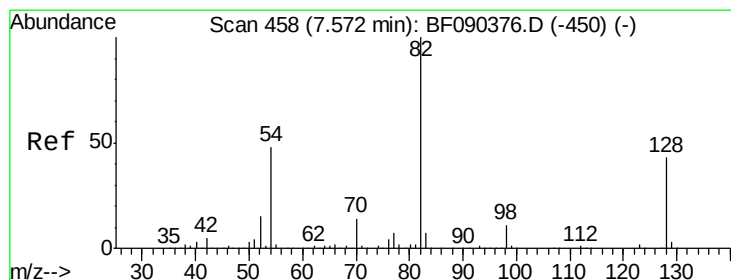
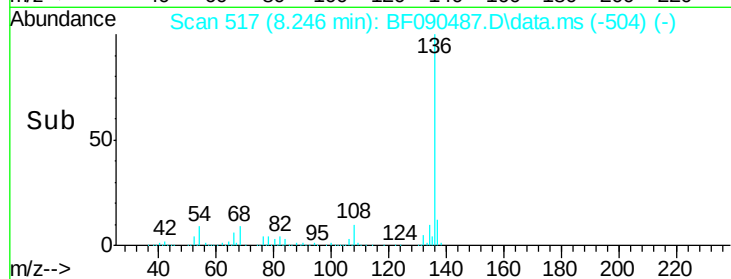
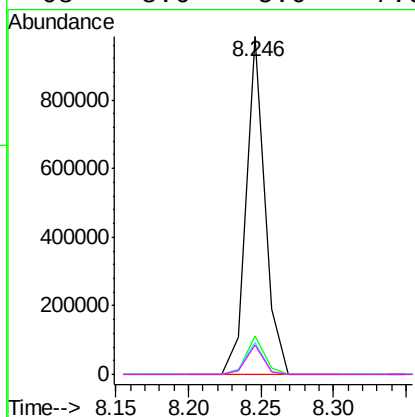
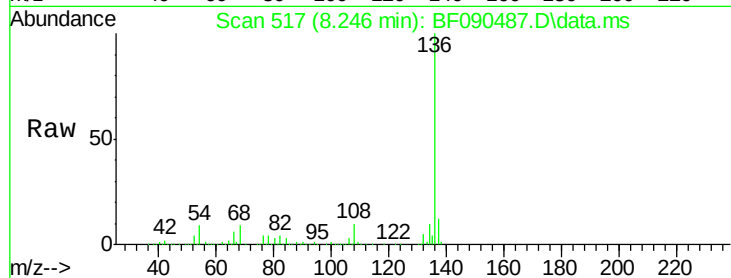




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.246 min Scan# 51
Delta R.T. -0.046 min
Lab File: BF090487.D
Acq: 10 Oct 2016 18:46

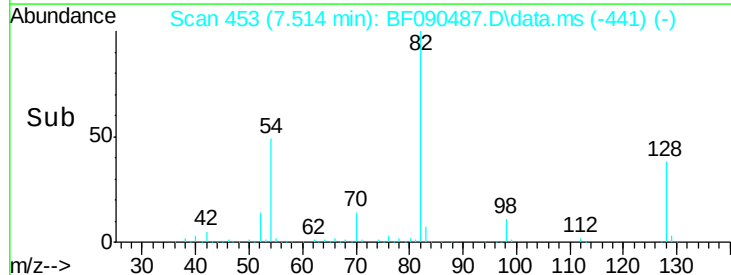
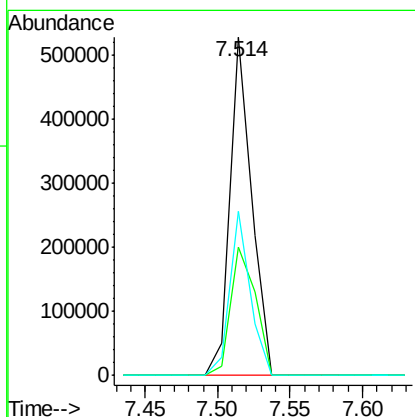
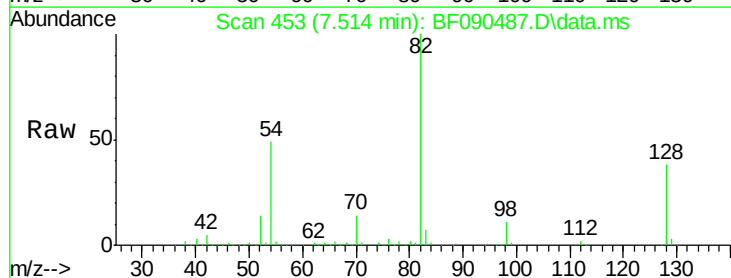
Instrument :
BNA_F
ClientSampleId :
WC-WH-DRUM-02-C

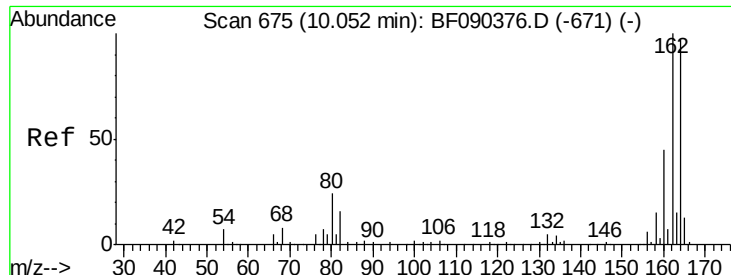
Tot Ion:136	Resp:	882046
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.0 13.6
54	9.4	6.6 10.0
68	8.6	5.0 7.6#



#23
Nitrobenzene-d5
Concen: 30.22 ng
RT: 7.514 min Scan# 453
Delta R.T. -0.057 min
Lab File: BF090487.D
Acq: 10 Oct 2016 18:46

Tgt Ion: 82	Resp:	548052
Ion Ratio	Lower	Upper
82	100	
128	37.9	40.0 60.0#
54	48.6	42.6 64.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.006 min Scan# 67

Delta R.T. -0.046 min

Lab File: BF090487.D

Acq: 10 Oct 2016 18:46

Instrument :

BNA_F

ClientSampleId :

WC-WH-DRUM-02-C

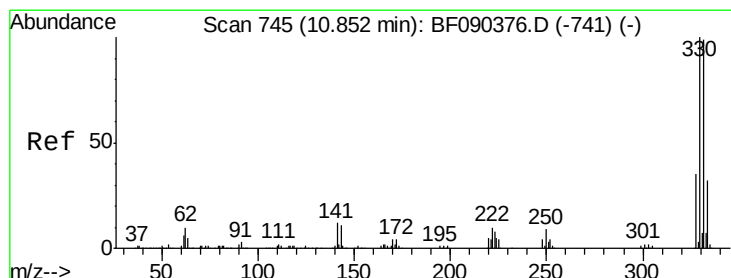
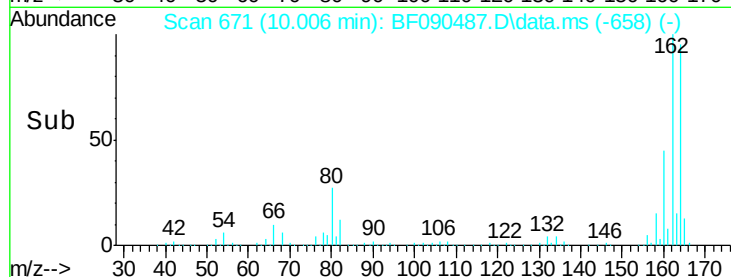
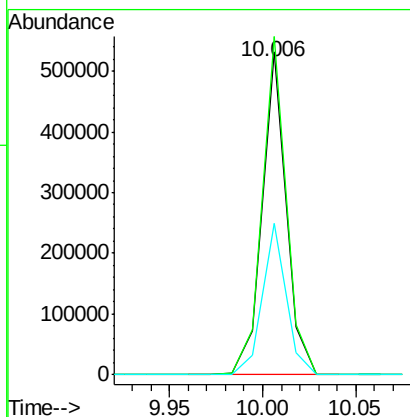
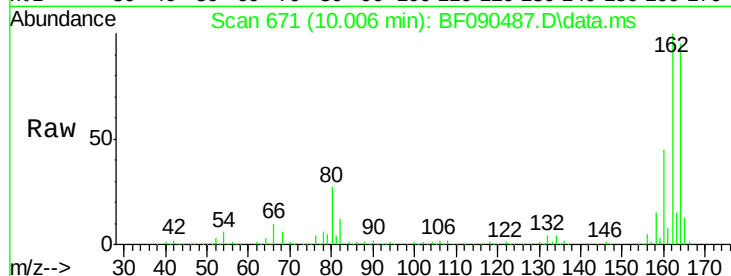
Tot Ion:164 Resp: 468920

Ion Ratio Lower Upper

164 100

162 104.8 80.1 120.1

160 46.8 36.3 54.5



#41

2,4,6-Tribromophenol

Concen: 58.44 ng

RT: 10.795 min Scan# 740

Delta R.T. -0.057 min

Lab File: BF090487.D

Acq: 10 Oct 2016 18:46

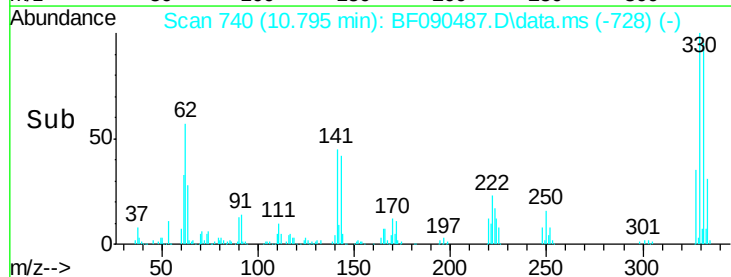
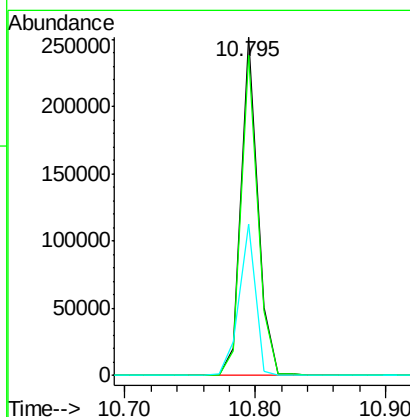
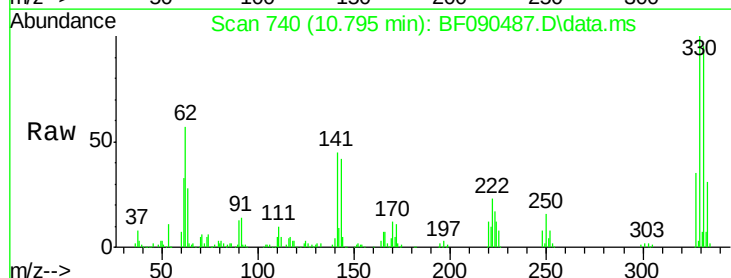
Tgt Ion:330 Resp: 222833

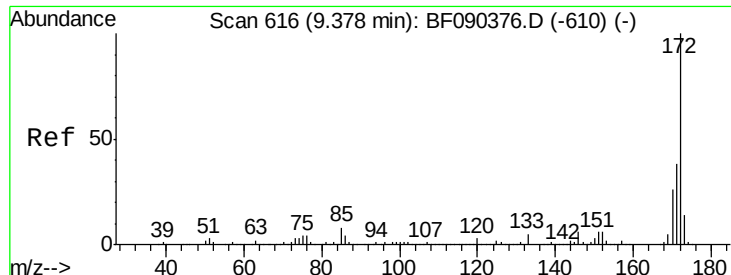
Ion Ratio Lower Upper

330 100

332 94.7 75.4 113.0

141 43.8 26.9 40.3#



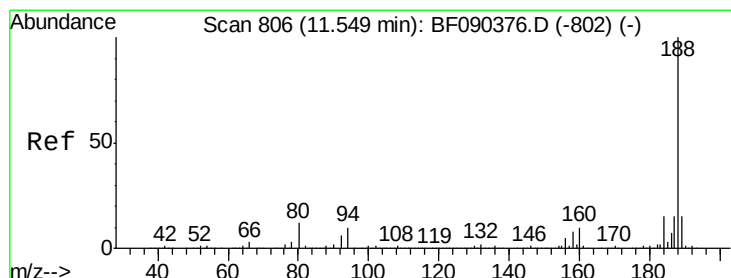
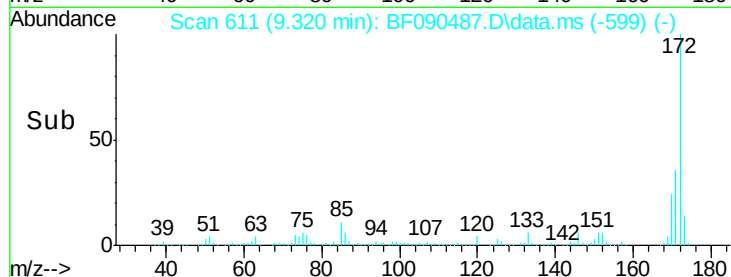
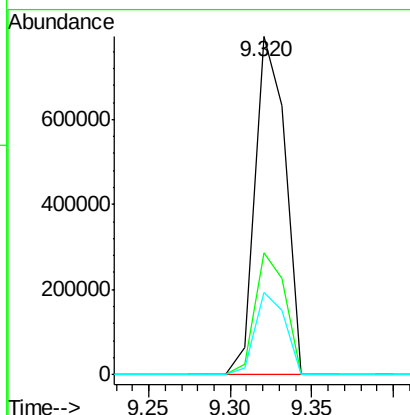
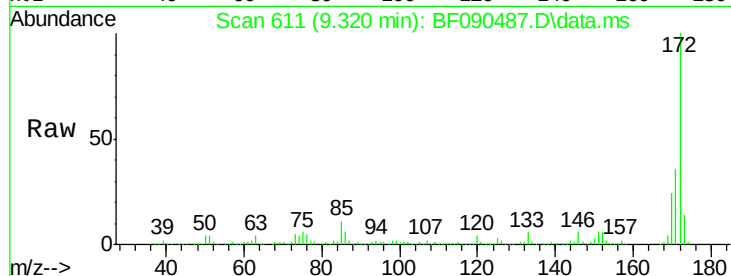


#44
 2-Fluorobiphenyl
 Concen: 36.40 ng
 RT: 9.320 min Scan# 61
 Delta R.T. -0.057 min
 Lab File: BF090487.D
 Acq: 10 Oct 2016 18:46

Instrument :
 BNA_F
 ClientSampleId :
 WC-WH-DRUM-02-C

Tot Ion:172 Resp: 1024563

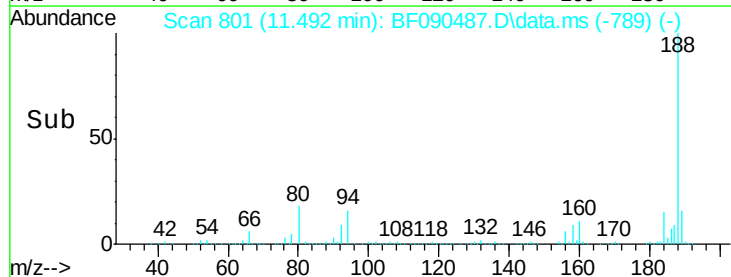
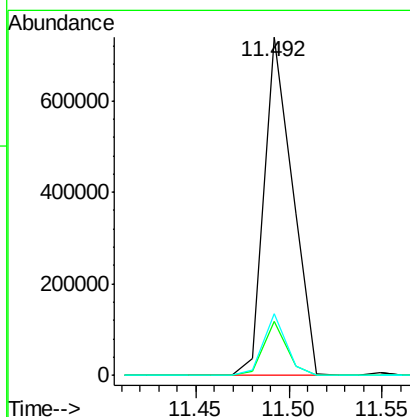
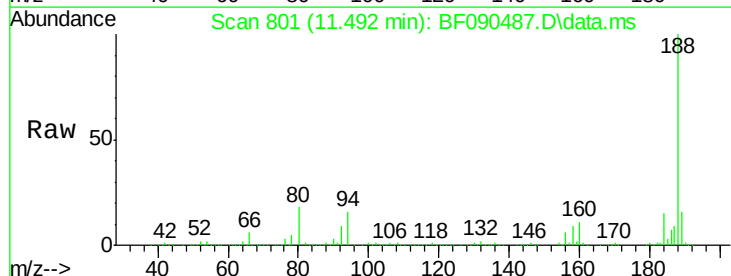
Ion	Ratio	Lower	Upper
172	100		
171	36.2	31.8	47.8
170	24.2	21.7	32.5

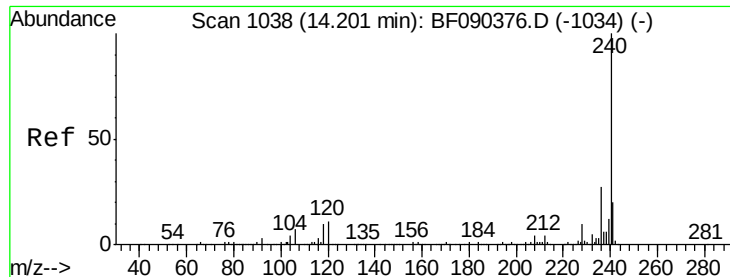


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.492 min Scan# 801
 Delta R.T. -0.057 min
 Lab File: BF090487.D
 Acq: 10 Oct 2016 18:46

Tgt Ion:188 Resp: 776804

Ion	Ratio	Lower	Upper
188	100		
94	15.9	8.2	12.2#
80	18.1	8.8	13.2#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.144 min Scan# 10

Delta R.T. -0.057 min

Lab File: BF090487.D

Acq: 10 Oct 2016 18:46

Instrument :

BNA_F

ClientSampleId :

WC-WH-DRUM-02-C

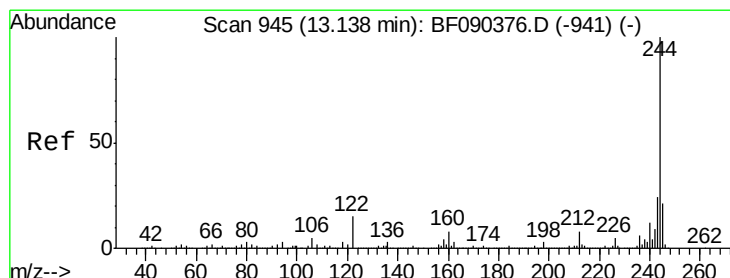
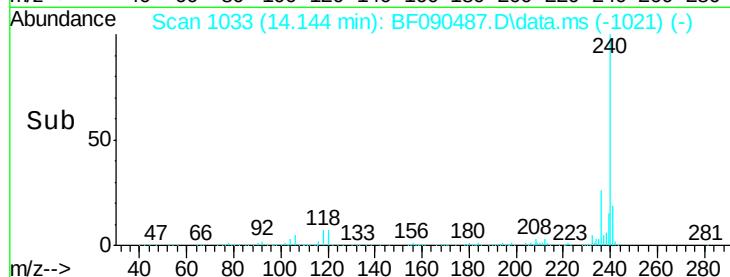
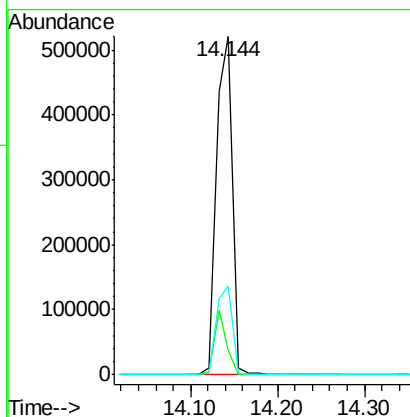
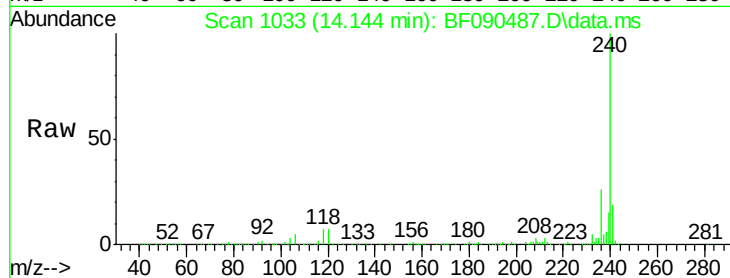
Tot Ion:240 Resp: 674744

Ion Ratio Lower Upper

240 100

120 7.4 8.6 13.0#

236 26.3 21.6 32.4



#78

Terphenyl-d14

Concen: 34.75 ng

RT: 13.081 min Scan# 940

Delta R.T. -0.057 min

Lab File: BF090487.D

Acq: 10 Oct 2016 18:46

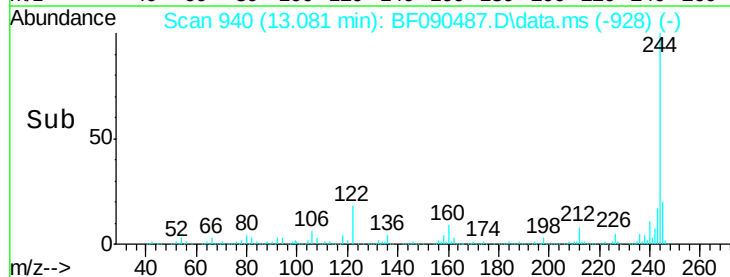
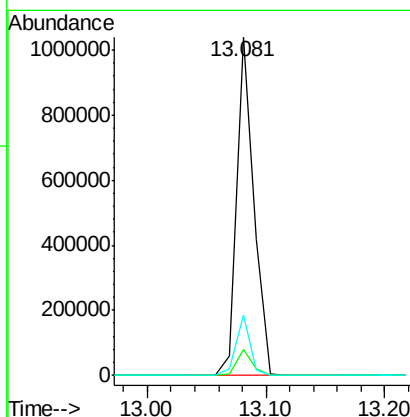
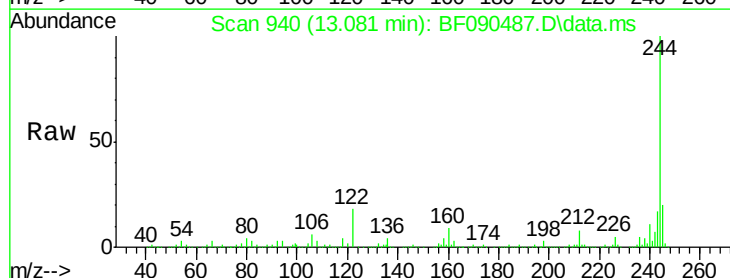
Tgt Ion:244 Resp: 1043007

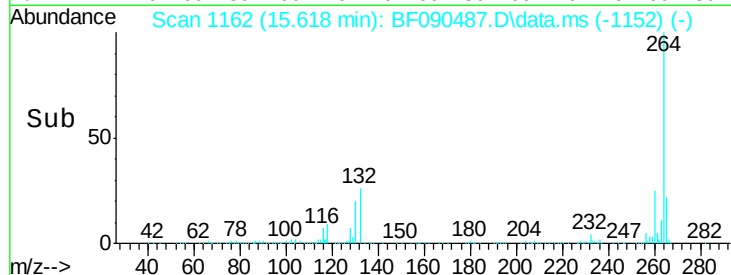
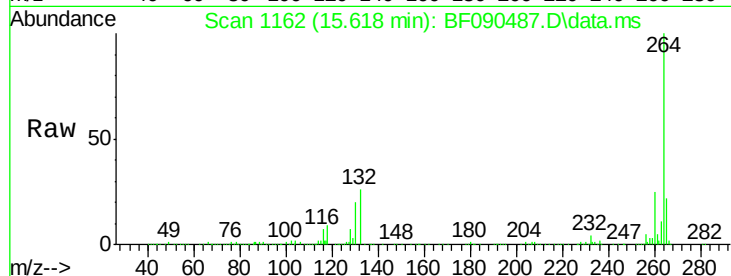
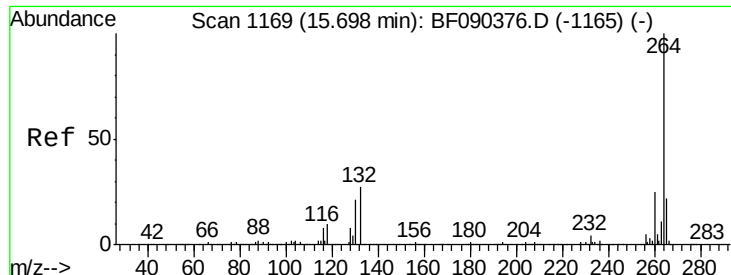
Ion Ratio Lower Upper

244 100

212 7.7 6.8 10.2

122 17.9 13.3 19.9





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.618 min Scan# 11
 Delta R.T. -0.080 min
 Lab File: BF090487.D
 Acq: 10 Oct 2016 18:46

Instrument :
 BNA_F
 ClientSampleId :
 WC-WH-DRUM-02-C

Tot Ion:	264	Resp:	548888
Ion Ratio	Lower	Upper	
264	100		
260	25.1	19.3	28.9
265	21.6	17.4	26.0

