

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011716\
 Data File : BF084531.D
 Acq On : 17 Jan 2016 12:58
 Operator : SJ/UM
 Sample : H1134-02RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UST-10RE

Quant Time: Jan 18 02:32:27 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 14:15:52 2016
 Response via : Initial Calibration

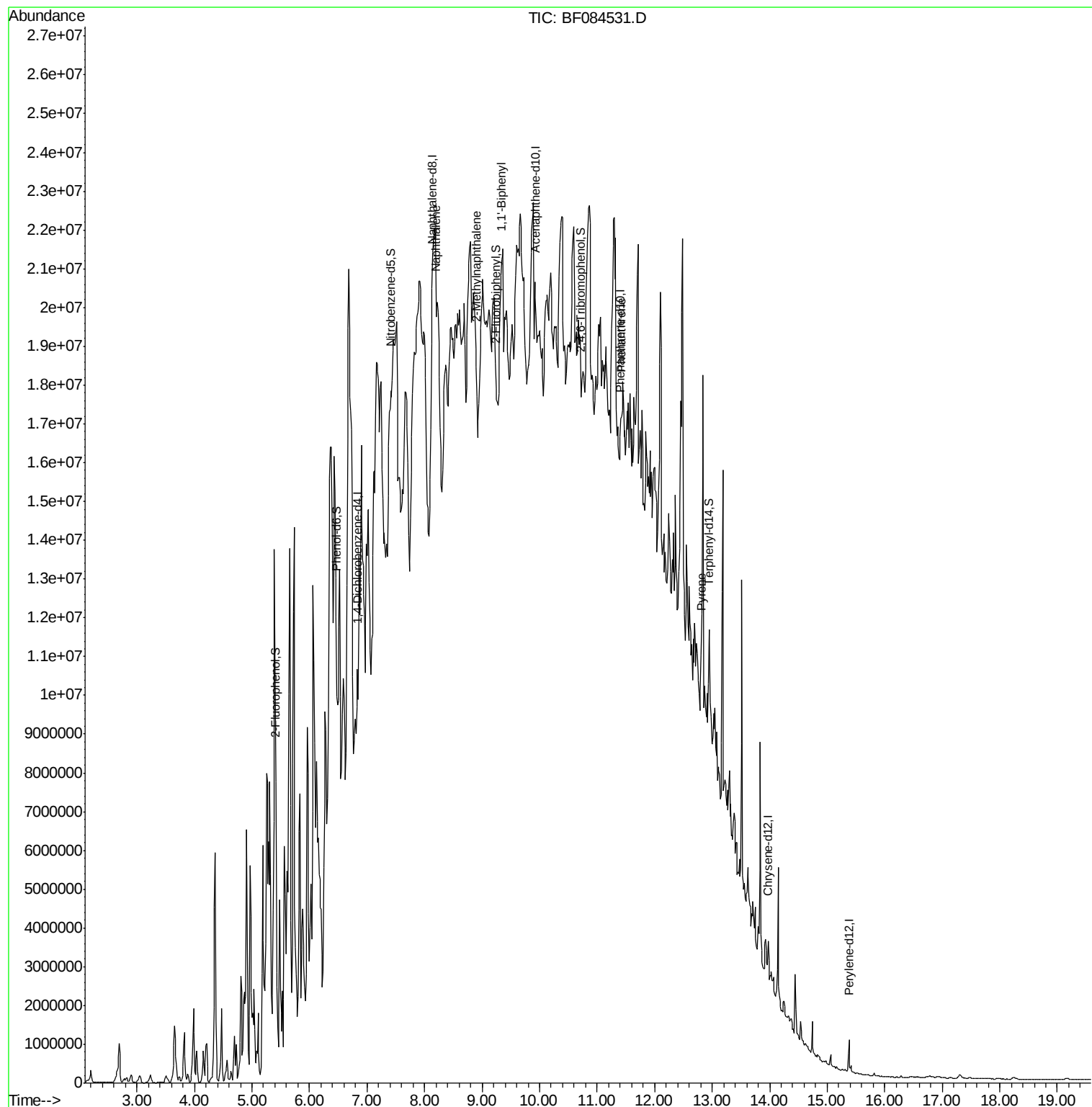
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	150960m	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	265647m	20.00	ng	0.01
38) Acenaphthene-d10	9.93	164	153109m	20.00	ng	0.06
63) Phenanthrene-d10	11.40	188	268527m	20.00	ng	0.05
75) Chrysene-d12	13.97	240	344786m	20.00	ng	-0.02
86) Perylene-d12	15.38	264	380738m	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1266957m	135.75	ng	-0.02
7) Phenol-d6	6.46	99	1620008m	138.21	ng	-0.01
23) Nitrobenzene-d5	7.41	82	839875	175.96	ng	0.01
41) 2,4,6-Tribromophenol	10.72	330	138610	89.67	ng	0.05
44) 2-Fluorobiphenyl	9.24	172	1006820	118.15	ng	0.05
78) Terphenyl-d14	12.95	244	975417m	63.15	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.20	128	2913118m	241.70	ng	95
37) 2-Methylnaphthalene	8.90	142	3852295m	445.26	ng	
45) 1,1'-Biphenyl	9.33	154	656366	53.94	ng	
70) Phenanthrene	11.43	178	605640m	43.12	ng	
77) Pyrene	12.81	202	322050m	11.90	ng	

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

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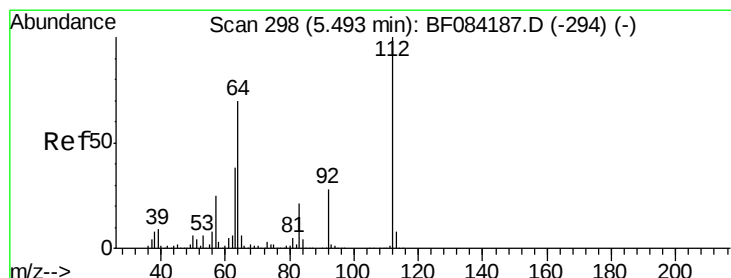
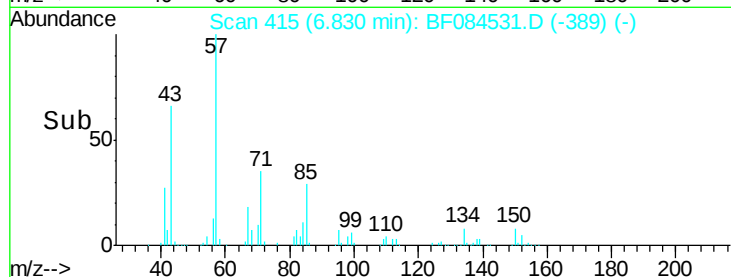
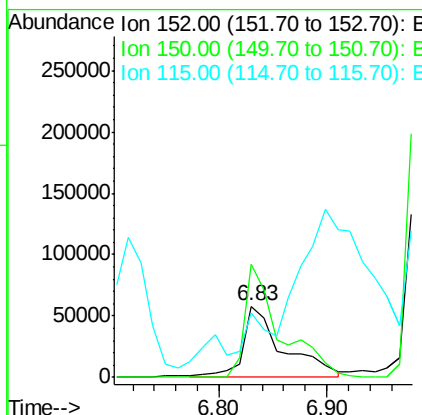
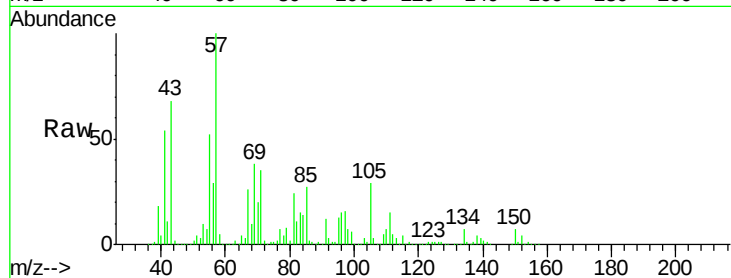


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 6.83 min Scan# 415
Delta R.T. 0.00 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Instrument :
BNA_F
ClientSampleId :
UST-10RE

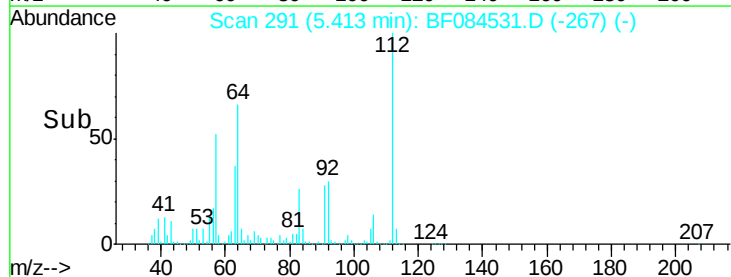
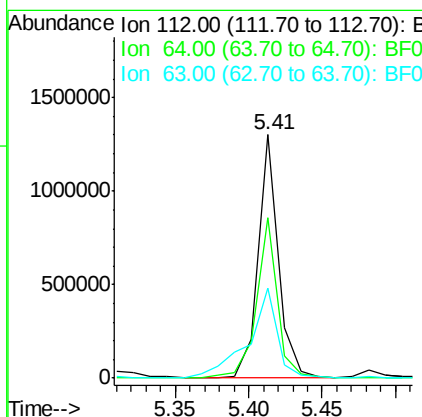
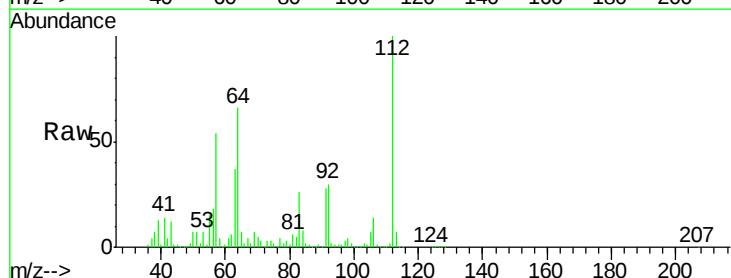
Tot Ion:152 Resp: 150960
Ion Ratio Lower Upper
152 100
150 158.6 123.0 184.4
115 91.3 51.4 77.2#



#5

2-Fluorophenol
Concen: 135.75 ng m
RT: 5.41 min Scan# 291
Delta R.T. -0.02 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Tgt Ion:112 Resp: 1266957
Ion Ratio Lower Upper
112 100
64 66.0 36.6 55.0#
63 37.2 19.4 29.0#





#7

Phenol-d6

Concen: 138.21 ng m

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF084531.D

Acq: 17 Jan 2016 12:58

Instrument :

BNA_F

ClientSampled :

UST-10RE

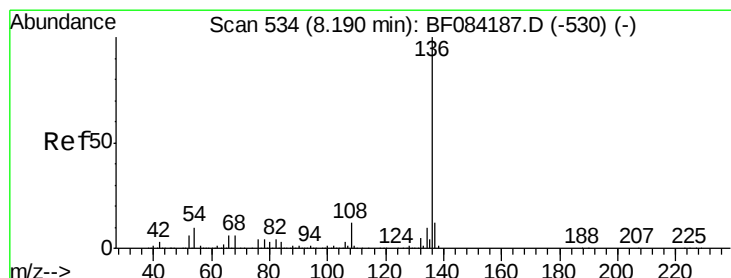
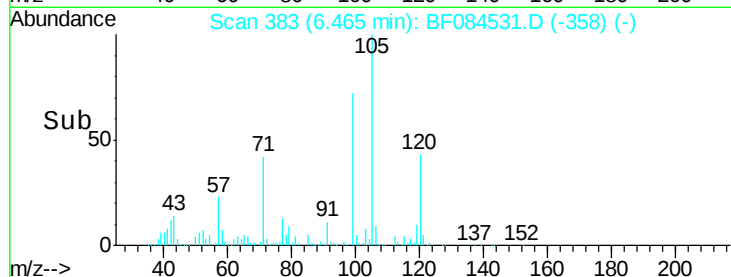
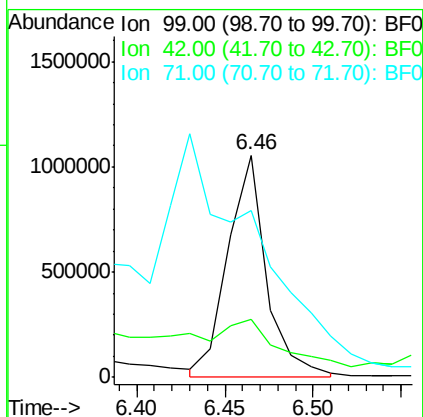
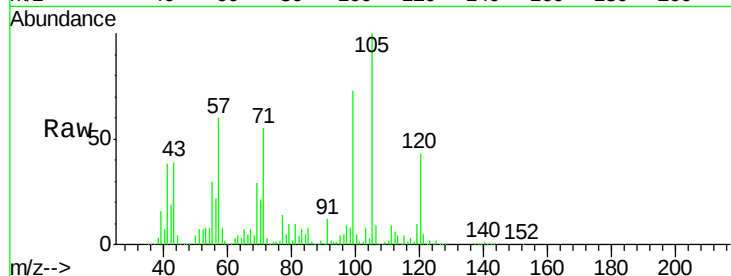
Tot Ion: 99 Resp: 1620008

Ion Ratio Lower Upper

99 100

42 26.3 12.8 19.2#

71 75.1 30.9 46.3#



#21

Naphthalene-d8

Concen: 20.00 ng m

RT: 8.13 min Scan# 529

Delta R.T. 0.01 min

Lab File: BF084531.D

Acq: 17 Jan 2016 12:58

Tgt Ion: 136 Resp: 265647

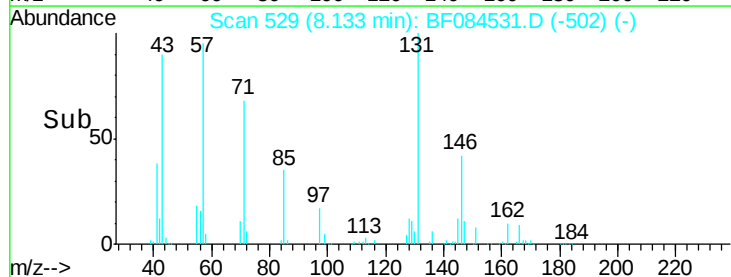
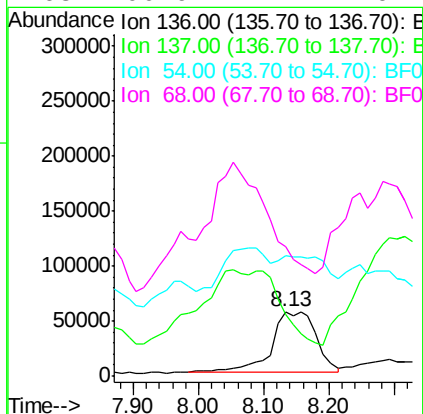
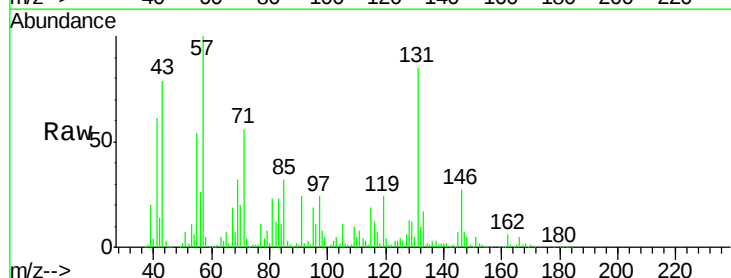
Ion Ratio Lower Upper

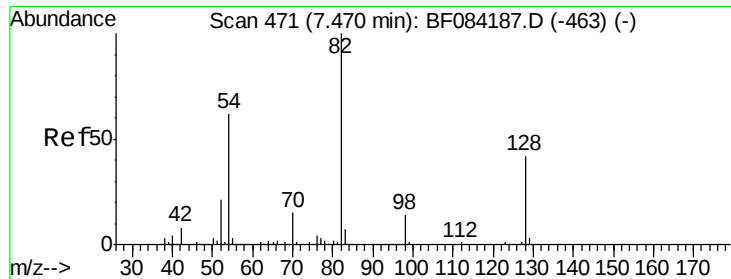
136 100

137 95.0 8.7 13.1#

54 187.8 5.8 8.8#

68 200.9 4.2 6.2#

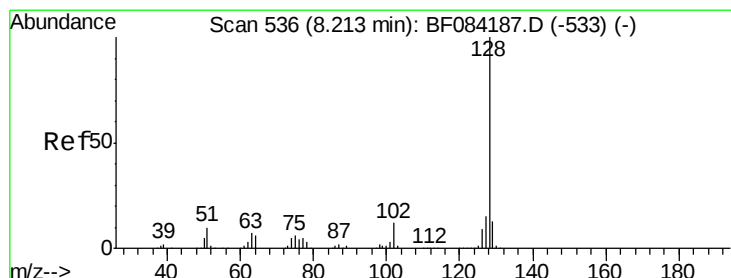
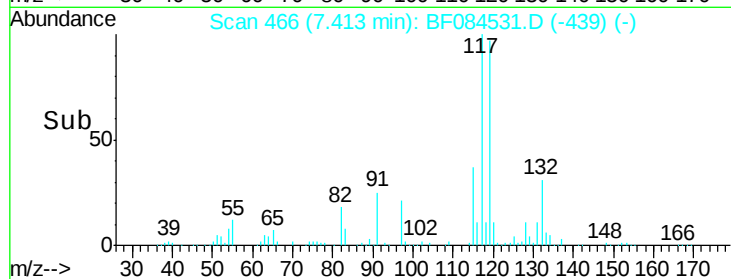
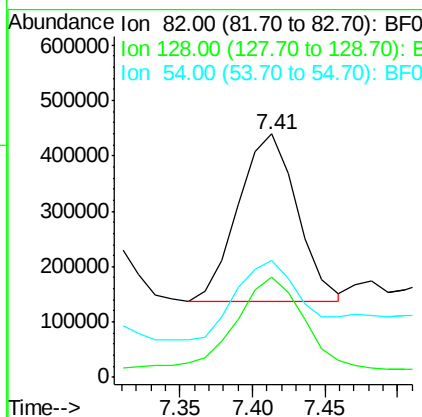
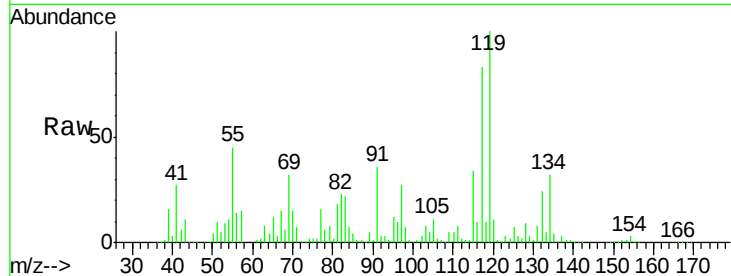




#23
 Nitrobenzene-d5
 Concen: 175.96 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.01 min
 Lab File: BF084531.D
 Acq: 17 Jan 2016 12:58

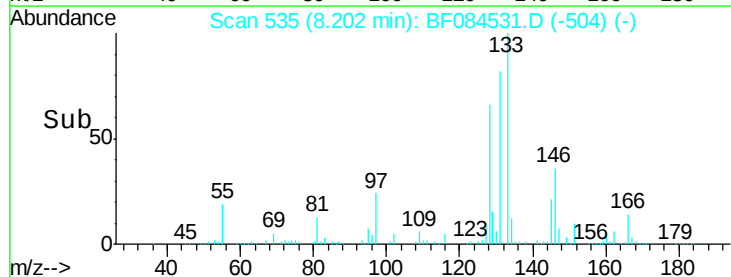
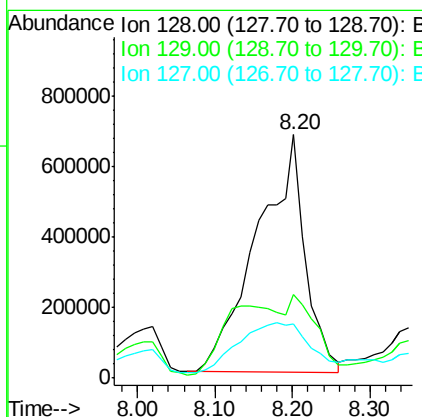
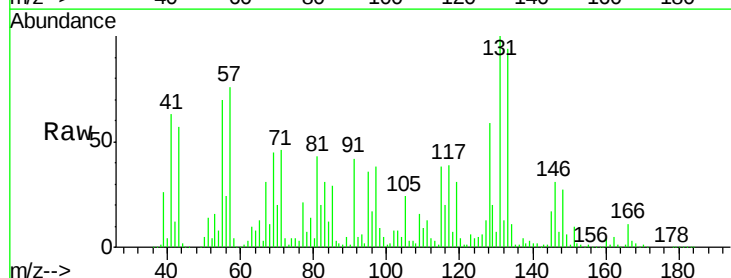
Instrument :
 BNA_F
 ClientSampled :
 UST-10RE

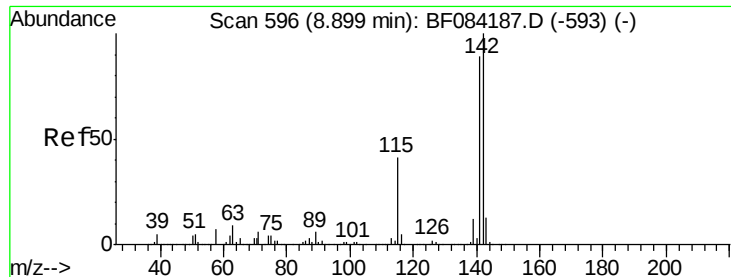
Tot Ion: 82 Resp: 839875
 Ion Ratio Lower Upper
 82 100
 128 41.3 34.6 51.8
 54 48.0 38.4 57.6



#31
 Naphthalene
 Concen: 241.70 ng m
 RT: 8.20 min Scan# 535
 Delta R.T. 0.06 min
 Lab File: BF084531.D
 Acq: 17 Jan 2016 12:58

Tgt Ion:128 Resp: 2913118
 Ion Ratio Lower Upper
 128 100
 129 34.3 9.1 13.7#
 127 22.3 11.1 16.7#

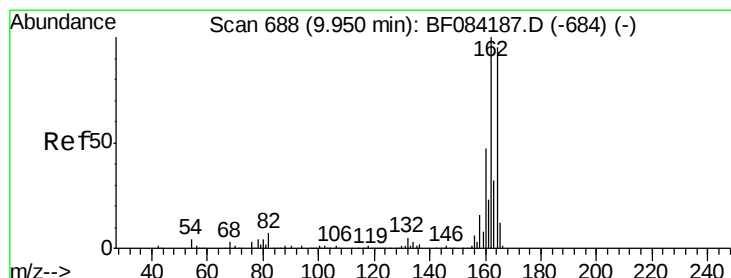
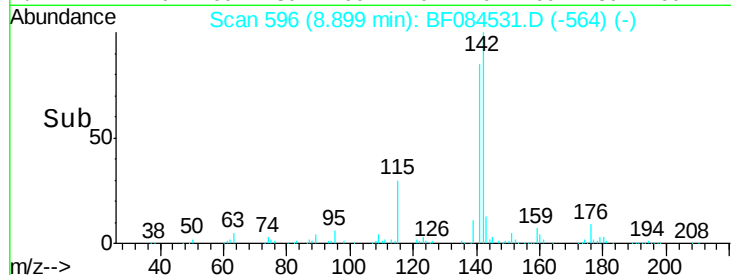
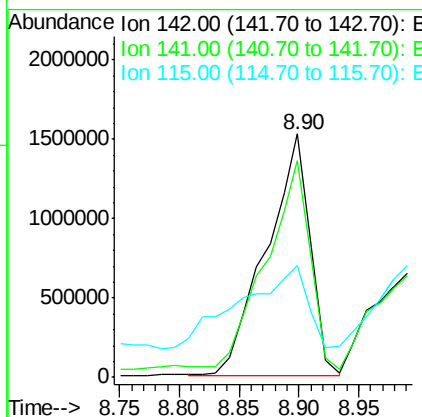
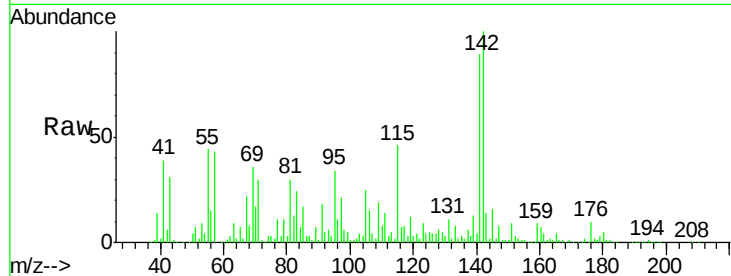




#37
2-Methylnaphthalene
Concen: 445.26 ng m
RT: 8.90 min Scan# 596
Delta R.T. 0.07 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

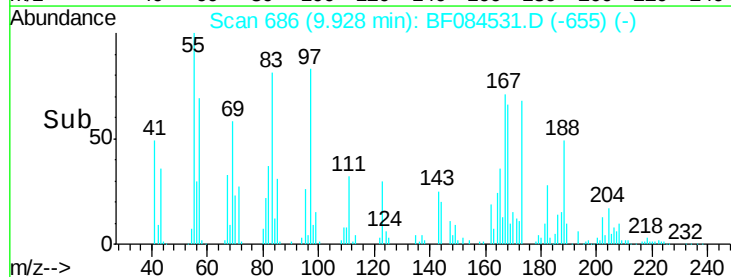
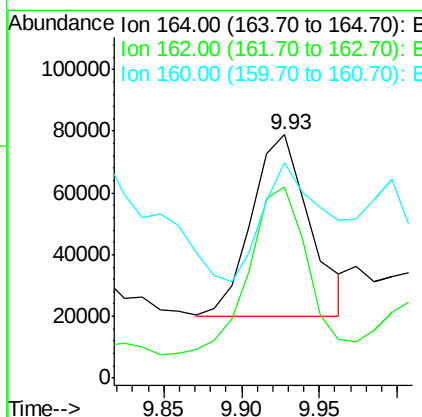
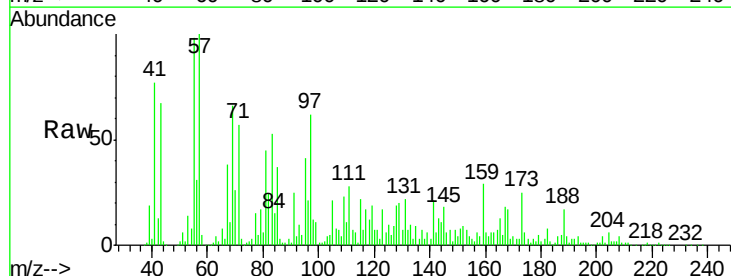
Instrument :
BNA_F
ClientSampleId :
UST-10RE

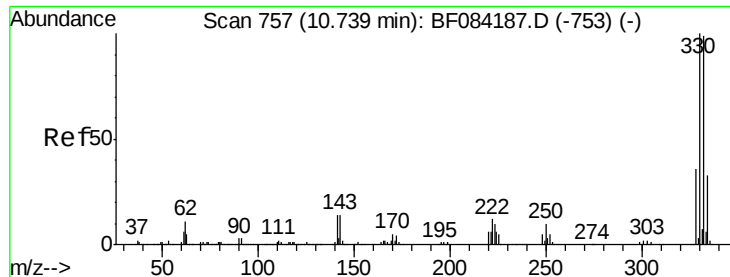
Tot Ion:142 Resp: 3852295
Ion Ratio Lower Upper
142 100
141 89.3 72.4 108.6
115 45.7 27.9 41.9#



#38
Acenaphthene-d10
Concen: 20.00 ng m
RT: 9.93 min Scan# 686
Delta R.T. 0.06 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Tgt Ion:164 Resp: 153109
Ion Ratio Lower Upper
164 100
162 78.2 85.1 127.7#
160 88.6 37.5 56.3#

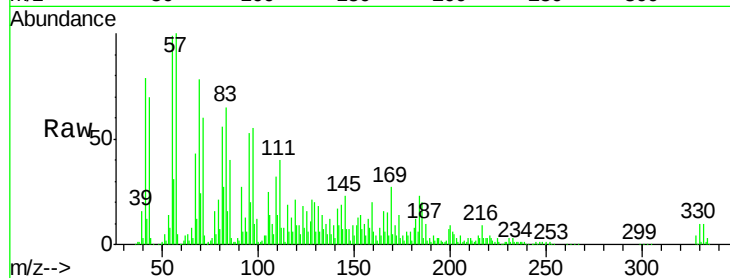




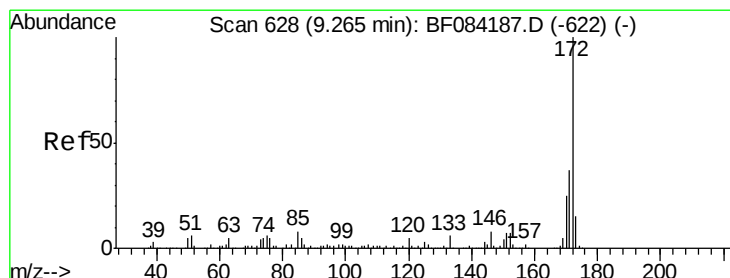
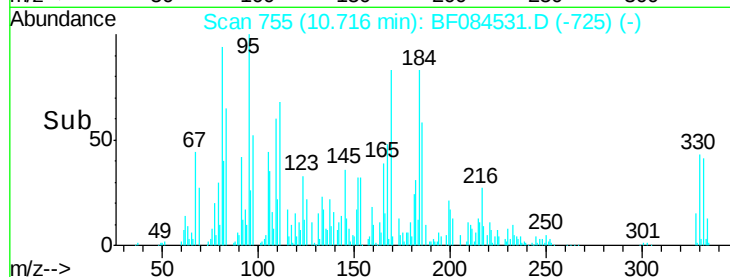
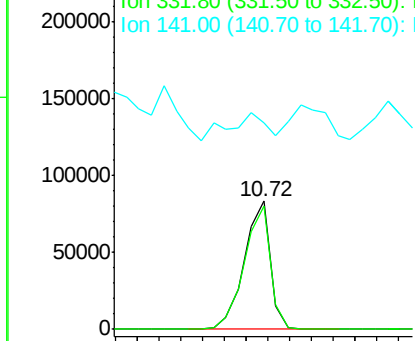
#41
 2,4,6-Tribromophenol
 Concen: 89.67 ng
 RT: 10.72 min Scan# 755
 Delta R.T. 0.05 min
 Lab File: BF084531.D
 Acq: 17 Jan 2016 12:58

Instrument :
 BNA_F
 ClientSampleId :
 UST-10RE

Tot Ion:330 Resp: 138610
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 114.8
 141 30.9 27.8 41.6

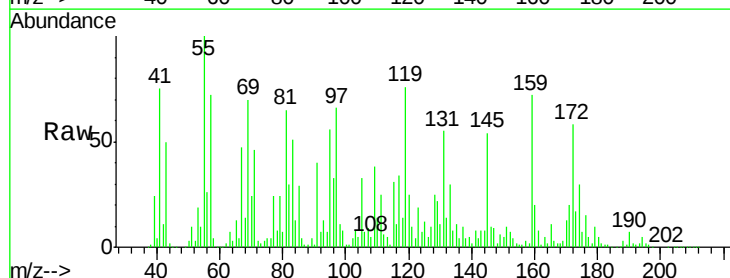


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

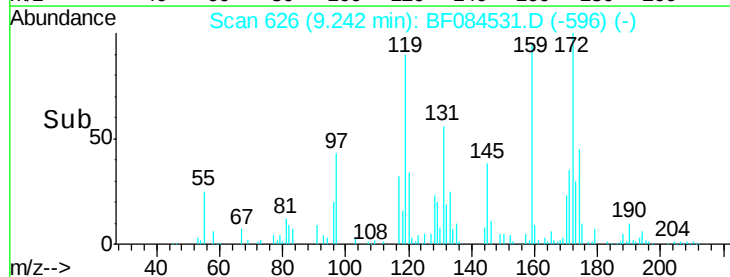
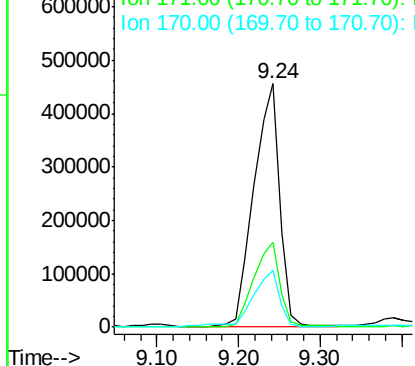


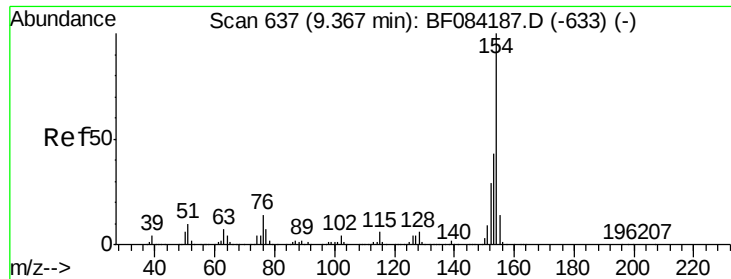
#44
 2-Fluorobiphenyl
 Concen: 118.15 ng
 RT: 9.24 min Scan# 626
 Delta R.T. 0.05 min
 Lab File: BF084531.D
 Acq: 17 Jan 2016 12:58

Tgt Ion:172 Resp: 1006820
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.9 43.3
 170 23.3 18.6 27.8



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





#45

1,1'-Biphenyl

Concen: 53.94 ng

RT: 9.33 min Scan# 634

Delta R.T. 0.03 min

Lab File: BF084531.D

Acq: 17 Jan 2016 12:58

Instrument :

BNA_F

ClientSampleId :

UST-10RE

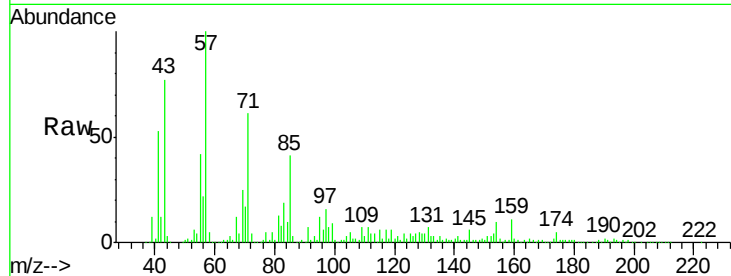
Tot Ion:154 Resp: 656366

Ion Ratio Lower Upper

154 100

153 44.6 21.6 61.6

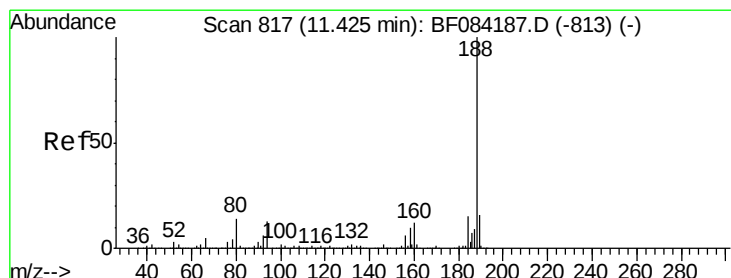
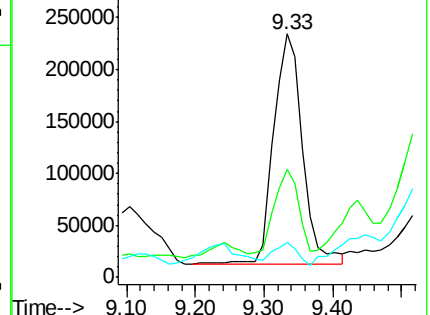
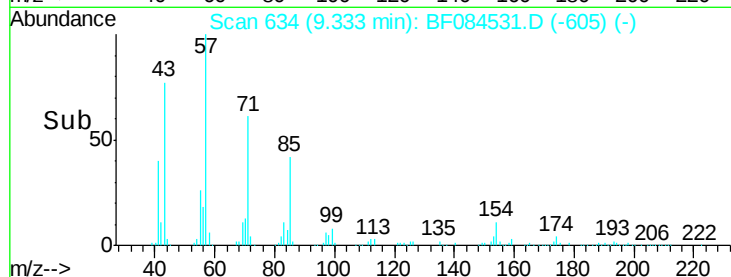
76 14.3 0.0 32.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng m

RT: 11.40 min Scan# 815

Delta R.T. 0.05 min

Lab File: BF084531.D

Acq: 17 Jan 2016 12:58

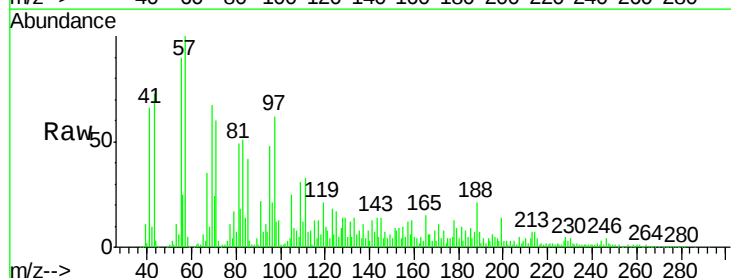
Tgt Ion:188 Resp: 268527

Ion Ratio Lower Upper

188 100

94 35.4 9.0 13.4#

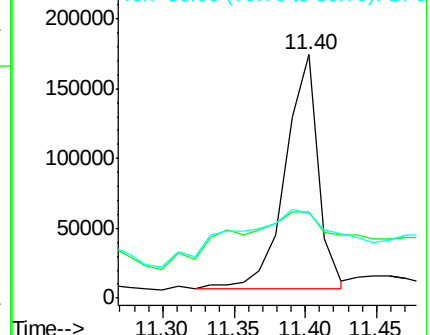
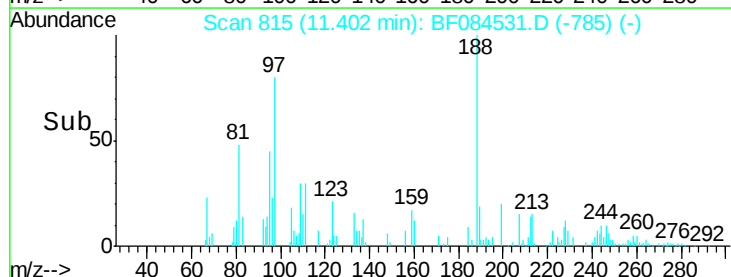
80 34.8 9.6 14.4#

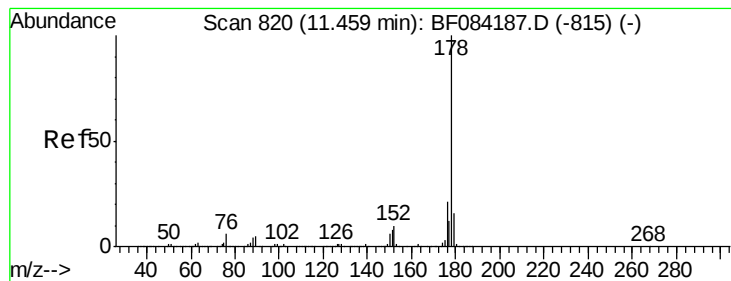


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 43.12 ng m

RT: 11.43 min Scan# 817

Delta R.T. 0.05 min

Lab File: BF084531.D

Acq: 17 Jan 2016 12:58

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UST-10RE

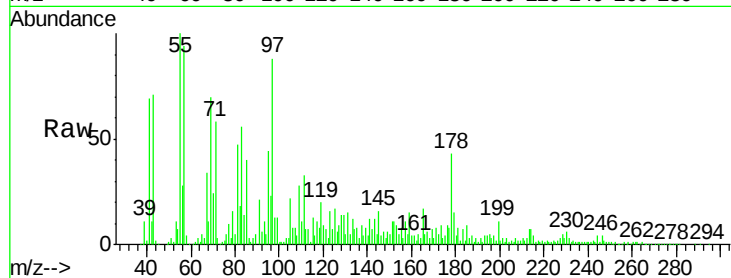
Tot Ion:178 Resp: 605640

Ion Ratio Lower Upper

178 100

176 21.1 15.3 22.9

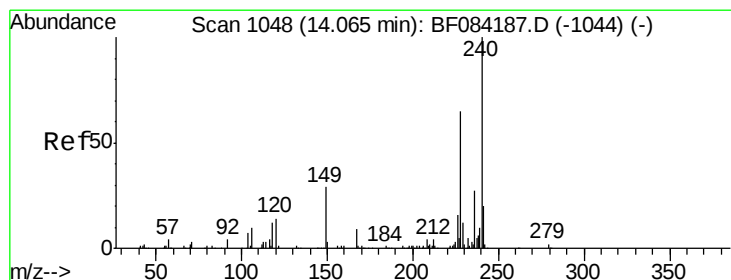
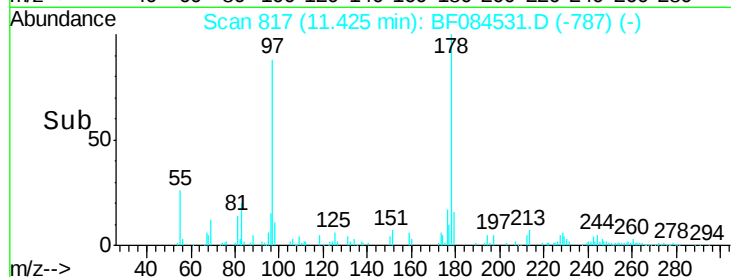
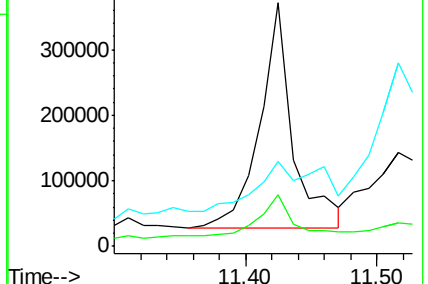
179 35.1 12.0 18.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Chrysene-d12

Concen: 20.00 ng m

RT: 13.97 min Scan# 1040

Delta R.T. -0.02 min

Lab File: BF084531.D

Acq: 17 Jan 2016 12:58

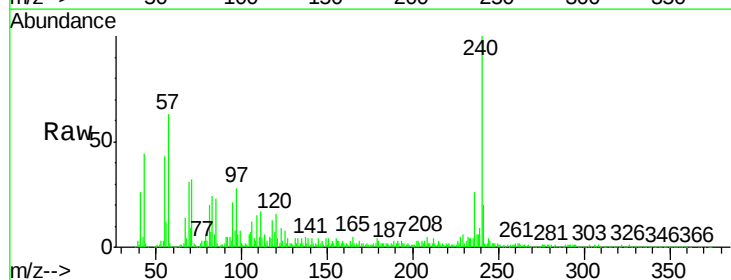
Tgt Ion:240 Resp: 344786

Ion Ratio Lower Upper

240 100

120 16.3 9.5 14.3#

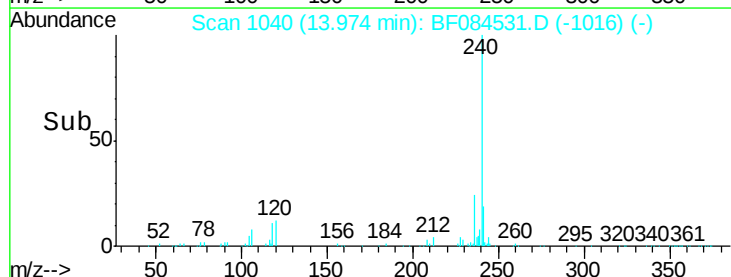
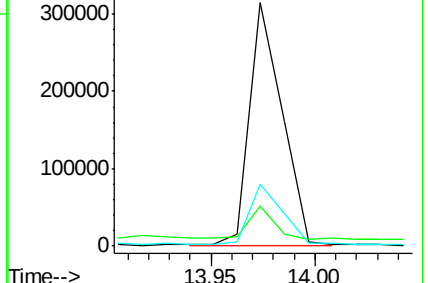
236 25.6 20.6 31.0

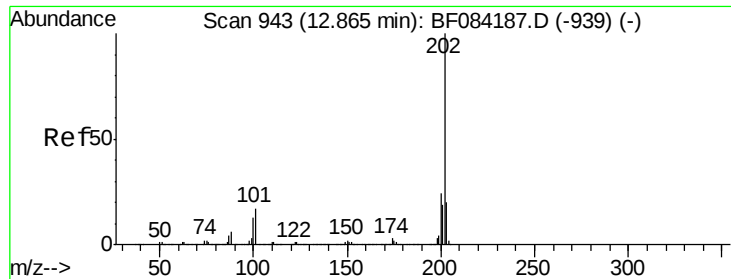


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 11.90 ng m

RT: 12.81 min Scan# 938

Delta R.T. 0.01 min

Lab File: BF084531.D

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UST-10RE

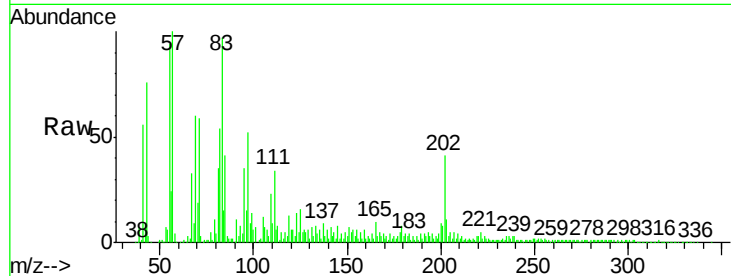
Tot Ion:202 Resp: 322050

Ion Ratio Lower Upper

202 100

200 21.8 17.2 25.8

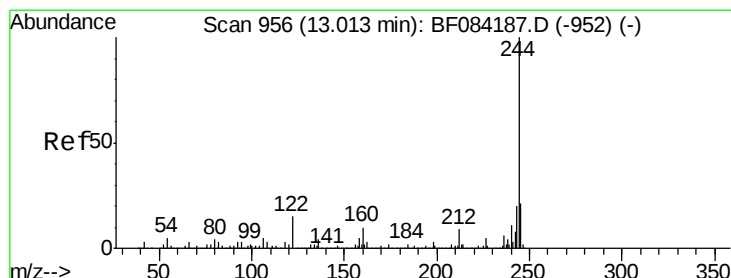
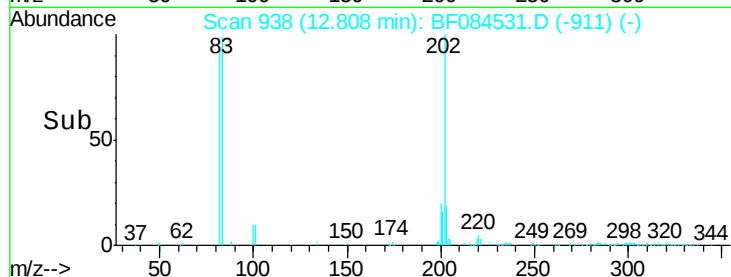
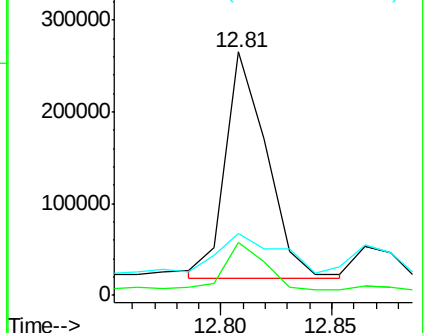
203 25.7 14.3 21.5#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 63.15 ng m

RT: 12.95 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF084531.D

Acq: 17 Jan 2016 12:58

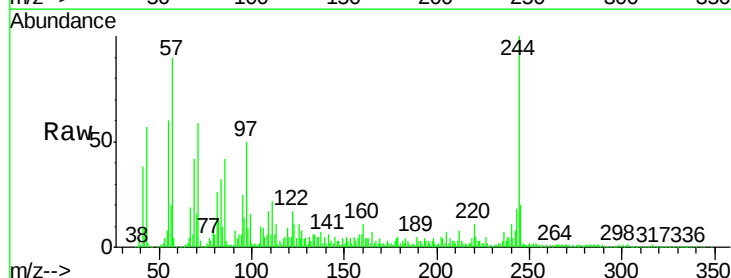
Tgt Ion:244 Resp: 975417

Ion Ratio Lower Upper

244 100

212 8.2 5.7 8.5

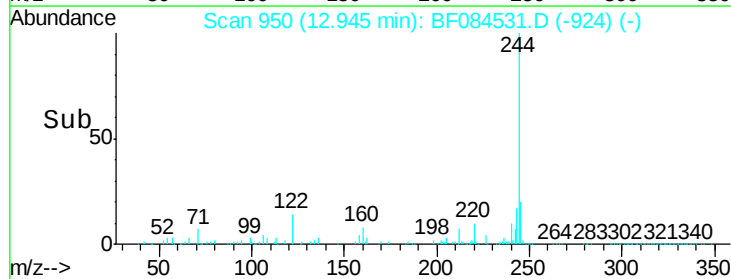
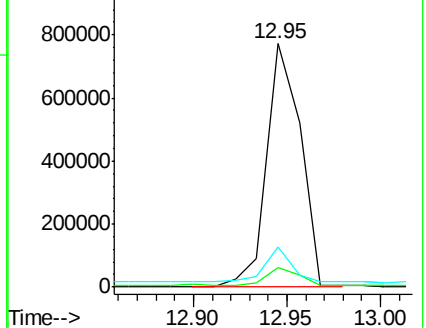
122 16.7 7.4 11.0#

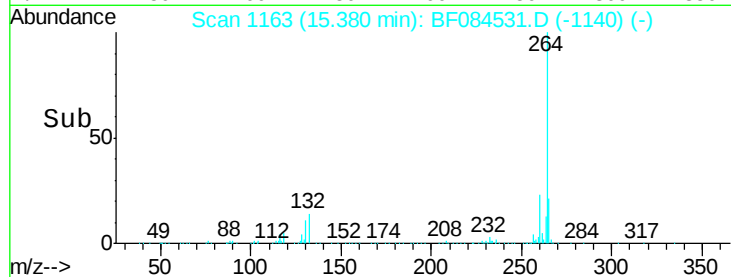
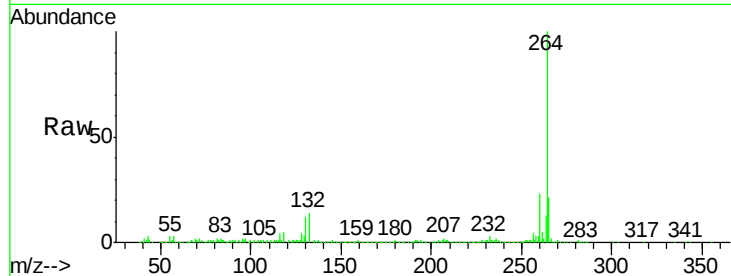
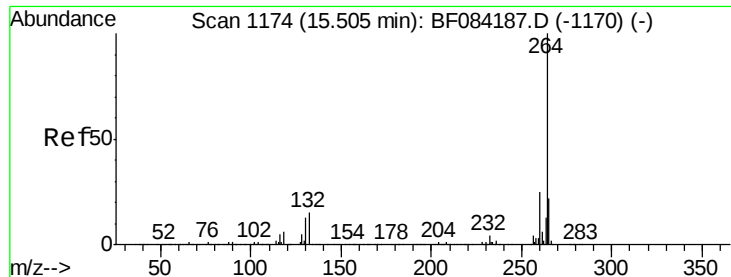


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng/ml
RT: 15.38 min Scan# 1163
Delta R.T. -0.03 min
Lab File: BF084531.D
Acq: 17 Jan 2016 12:58

Instrument :
BNA_F
ClientSampleId :
UST-10RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.2
265	21.2	17.8	26.6

