

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020416\
 Data File : BF084831.D
 Acq On : 4 Feb 2016 16:19
 Operator : SJ/IZ
 Sample : H1312-01DL 2X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B037(15-17)DL

Quant Time: Feb 05 06:08:08 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

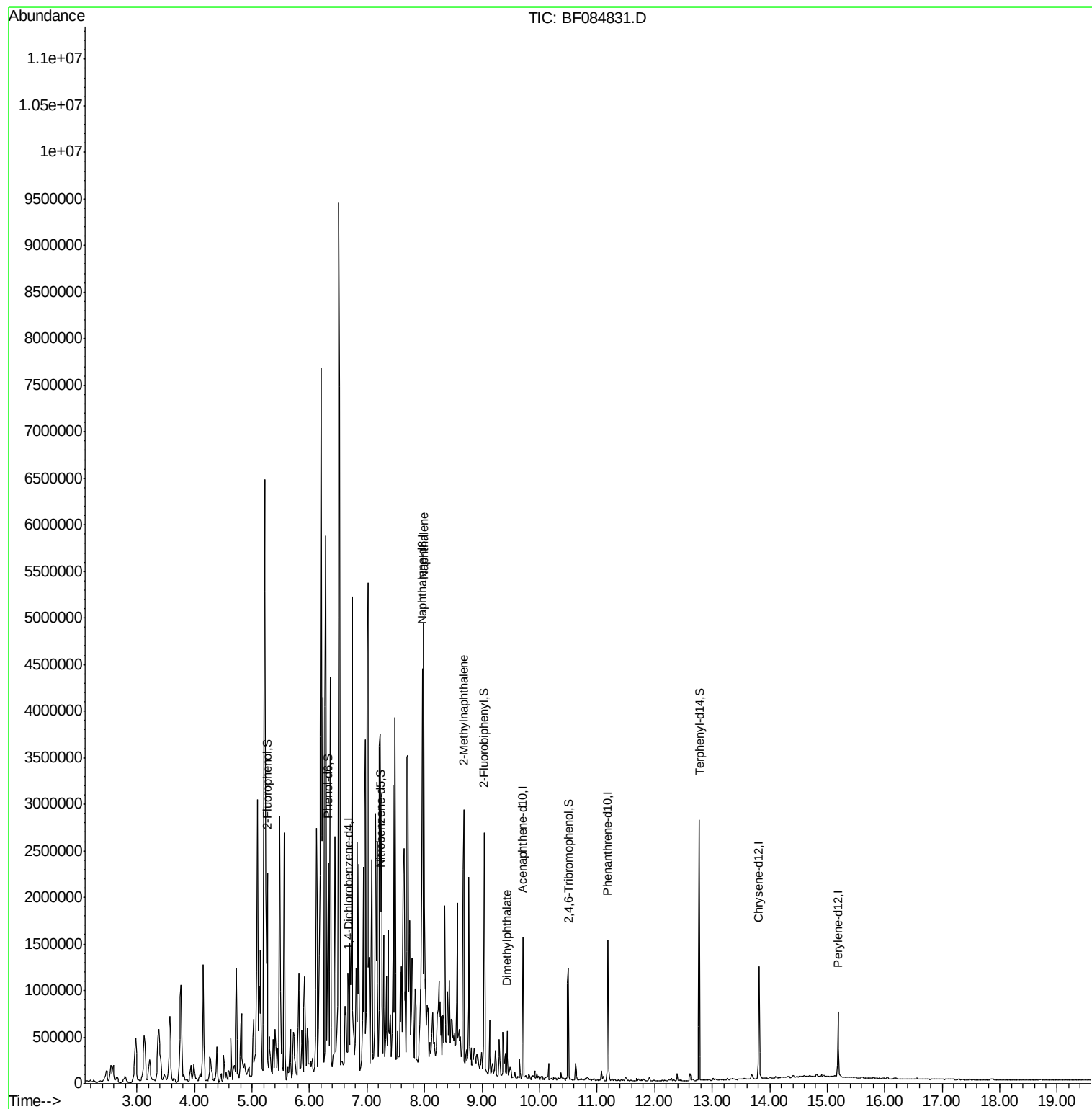
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	136736	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	509602	20.00	ng	-0.01
38) Acenaphthene-d10	9.71	164	281601	20.00	ng	-0.02
63) Phenanthrene-d10	11.18	188	495906	20.00	ng	-0.02
75) Chrysene-d12	13.81	240	397224	20.00	ng	-0.02
86) Perylene-d12	15.19	264	299889	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	674854	76.87	ng	-0.01
7) Phenol-d6	6.33	99	837339	76.94	ng	-0.01
23) Nitrobenzene-d5	7.24	82	498618	55.12	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	203821	69.39	ng	-0.02
44) 2-Fluorobiphenyl	9.04	172	803642	40.50	ng	-0.02
78) Terphenyl-d14	12.77	244	813989	46.44	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	7.98	128	1514362	59.24	ng	97
37) 2-Methylnaphthalene	8.68	142	1035169	64.70	ng	98
49) Dimethylphthalate	9.44	163	165922	7.74	ng	# 90

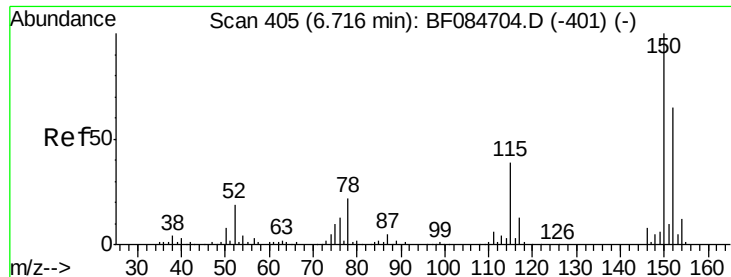
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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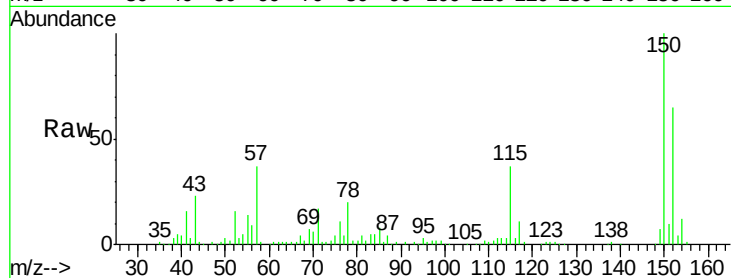


#1

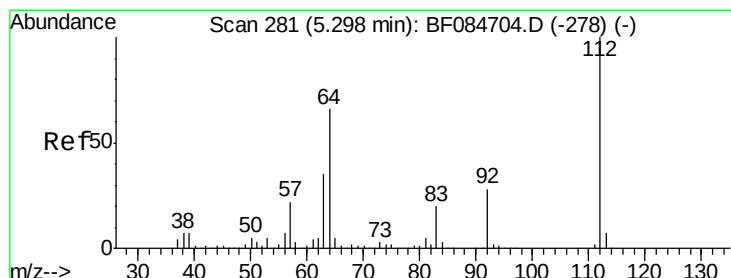
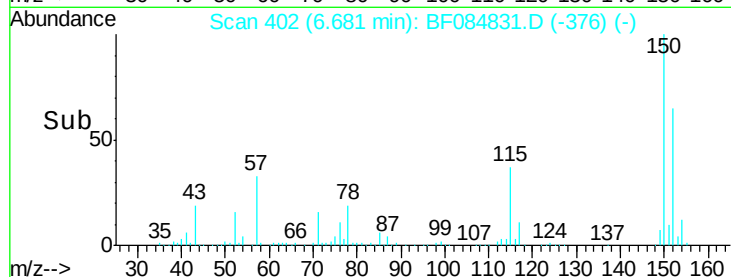
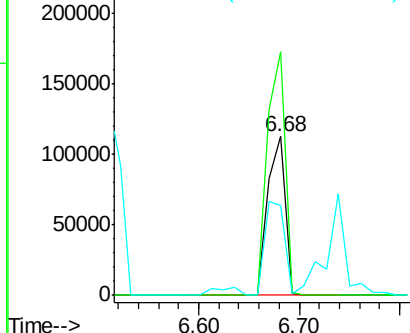
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 402
Delta R.T. -0.00 min
Lab File: BF084831.D
Acq: 4 Feb 2016 16:19

Instrument :
BNA_F
ClientSampleId :
SUP-B037(15-17)DL

Tot Ion:152 Resp: 136736
Ion Ratio Lower Upper
152 100
150 153.1 123.0 184.4
115 56.3 51.4 77.2



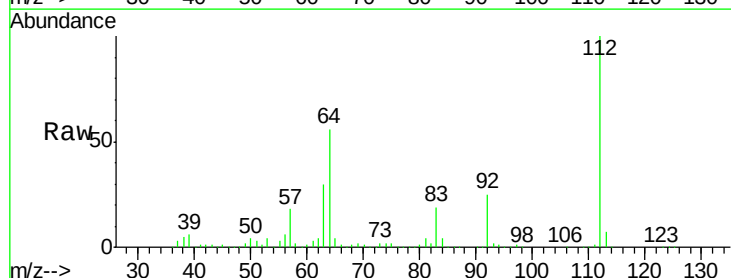
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



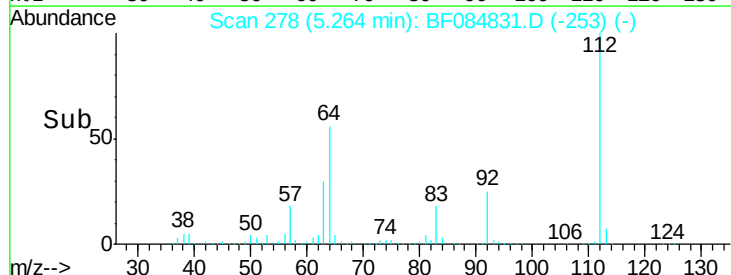
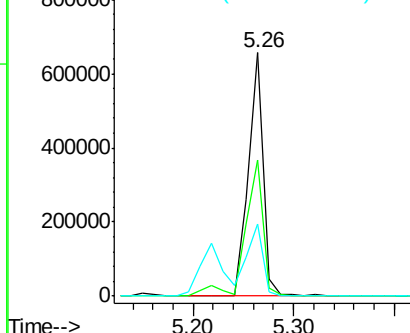
#5

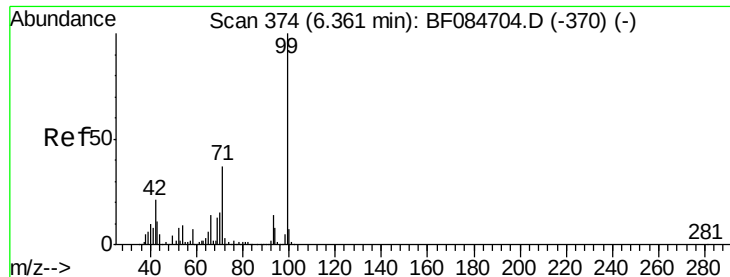
2-Fluorophenol
Concen: 76.87 ng
RT: 5.26 min Scan# 278
Delta R.T. -0.01 min
Lab File: BF084831.D
Acq: 4 Feb 2016 16:19

Tgt Ion:112 Resp: 674854
Ion Ratio Lower Upper
112 100
64 56.1 36.6 55.0#
63 29.5 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 76.94 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF084831.D

Acq: 4 Feb 2016 16:19

Instrument :

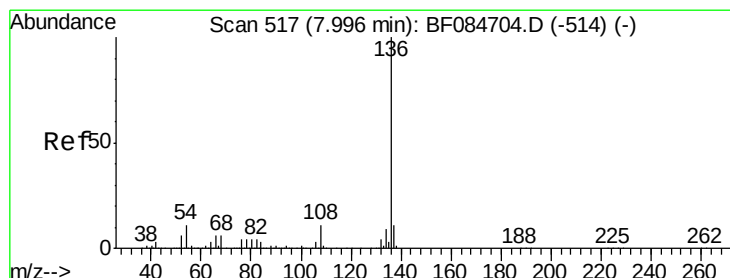
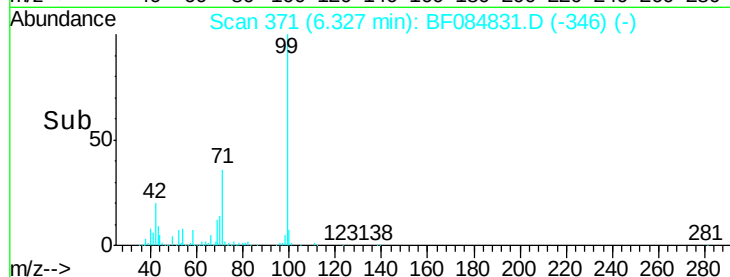
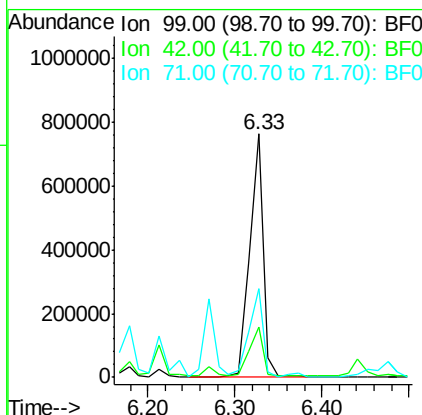
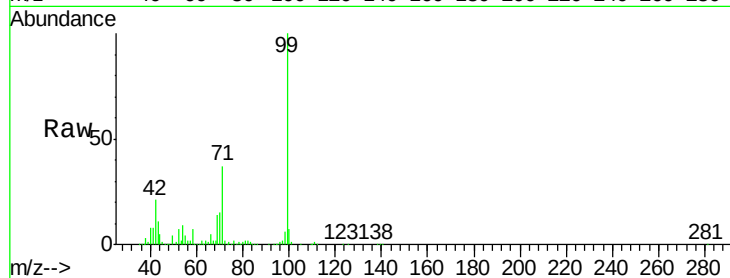
BNA_F

ClientSampleId :

SUP-B037(15-17)DL

Tot Ion: 99 Resp: 837339

Ion	Ratio	Lower	Upper
99	100		
42	20.7	12.8	19.2#
71	36.6	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 514

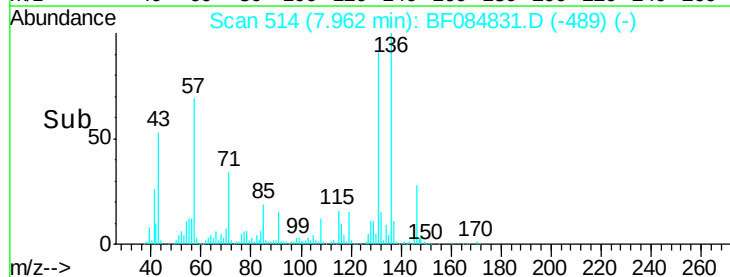
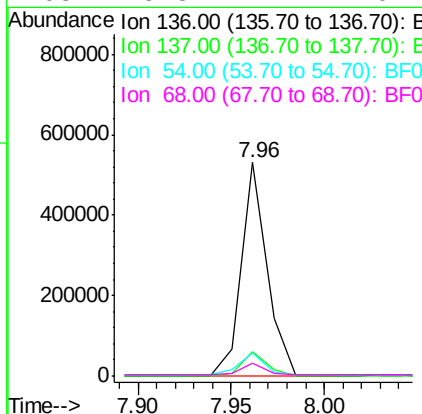
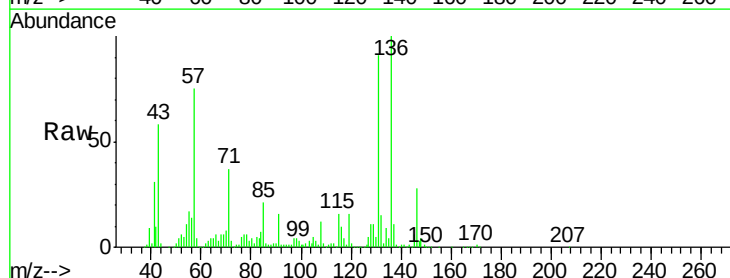
Delta R.T. -0.01 min

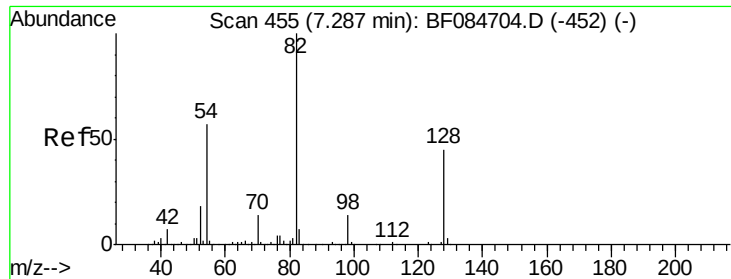
Lab File: BF084831.D

Acq: 4 Feb 2016 16:19

Tgt Ion: 136 Resp: 509602

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	10.9	5.8	8.8#
68	5.8	4.2	6.2





#23

Nitrobenzene-d5

Concen: 55.12 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.02 min

Lab File: BF084831.D

Acq: 4 Feb 2016 16:19

Instrument :

BNA_F

ClientSampleId :

SUP-B037(15-17)DL

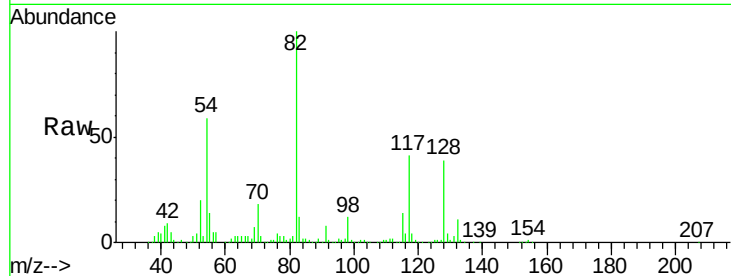
Tot Ion: 82 Resp: 498618

Ion Ratio Lower Upper

82 100

128 39.0 34.6 51.8

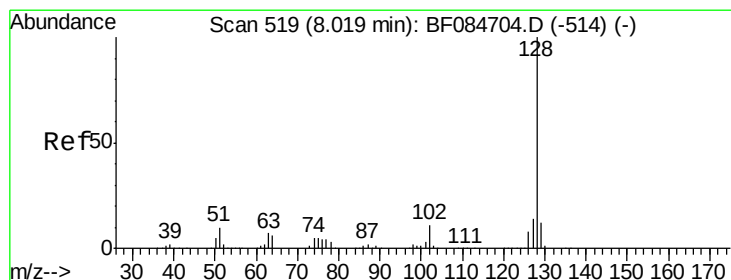
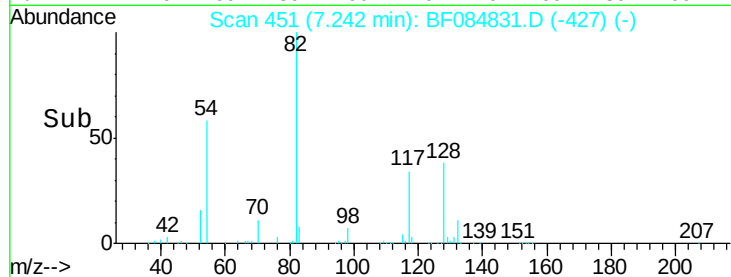
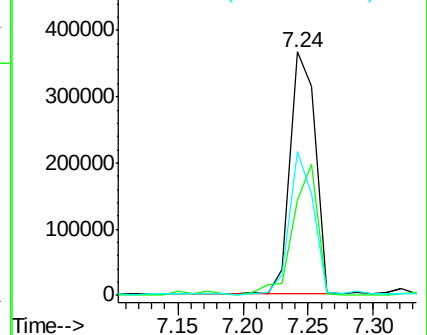
54 59.0 38.4 57.6#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#31

Naphthalene

Concen: 59.24 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF084831.D

Acq: 4 Feb 2016 16:19

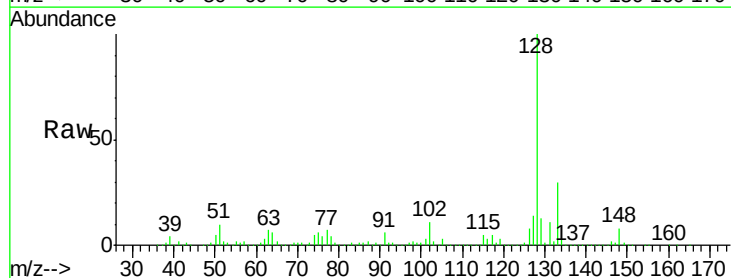
Tgt Ion:128 Resp: 1514362

Ion Ratio Lower Upper

128 100

129 13.2 9.1 13.7

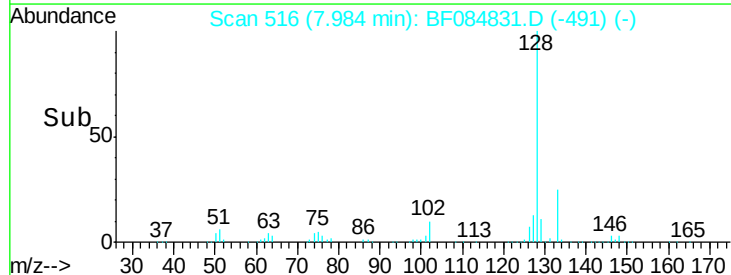
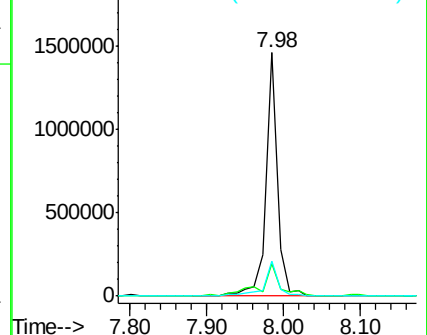
127 14.4 11.1 16.7

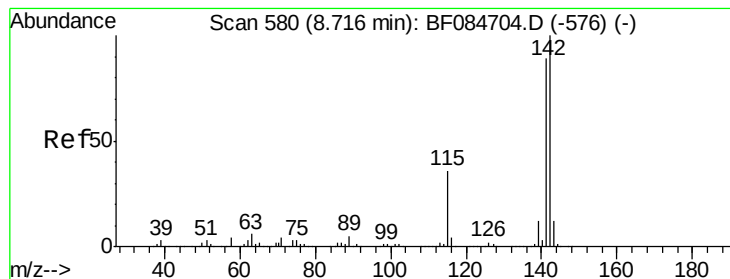


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#37

2-Methylnaphthalene

Concen: 64.70 ng

RT: 8.68 min Scan# 577

Delta R.T. -0.01 min

Lab File: BF084831.D

Acq: 4 Feb 2016 16:19

Instrument :

BNA_F

ClientSampleId :

SUP-B037(15-17)DL

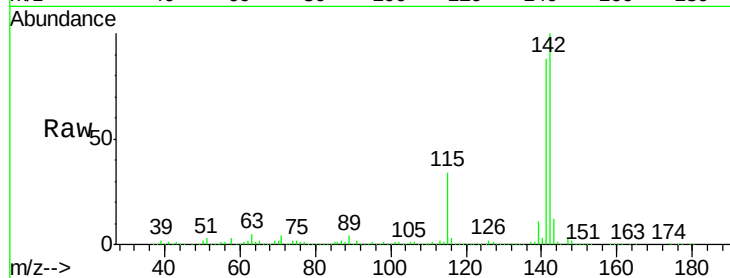
Tot Ion:142 Resp: 1035169

Ion Ratio Lower Upper

142 100

141 88.4 72.4 108.6

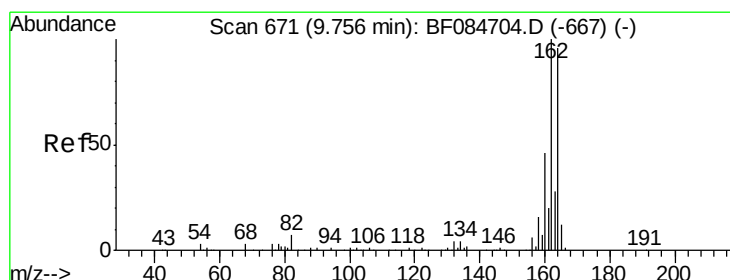
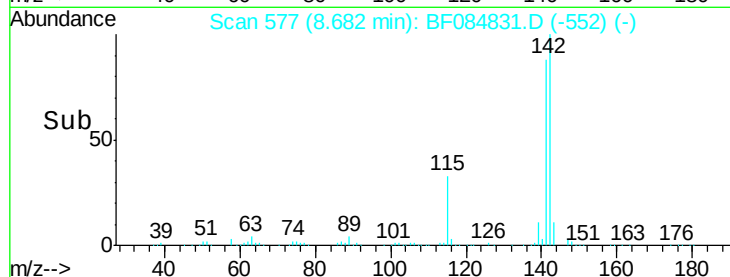
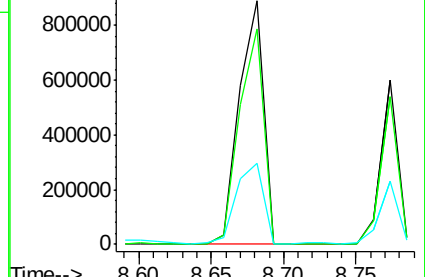
115 33.5 27.9 41.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.02 min

Lab File: BF084831.D

Acq: 4 Feb 2016 16:19

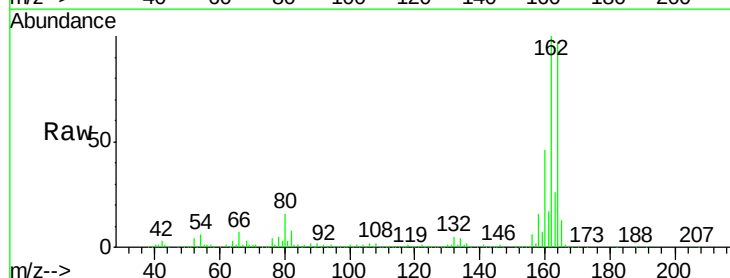
Tgt Ion:164 Resp: 281601

Ion Ratio Lower Upper

164 100

162 103.1 85.1 127.7

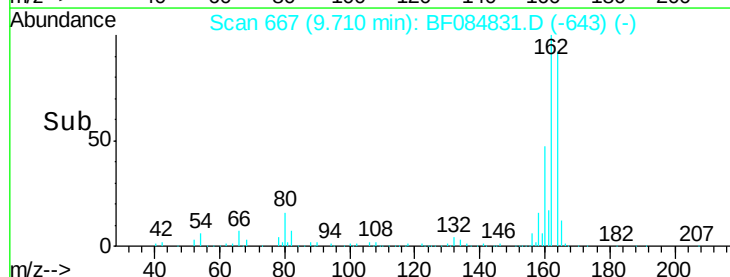
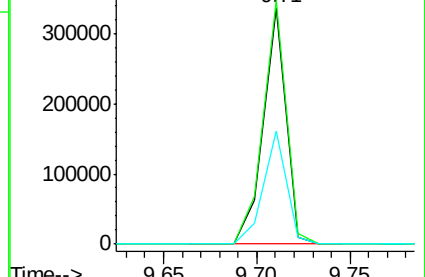
160 47.8 37.5 56.3

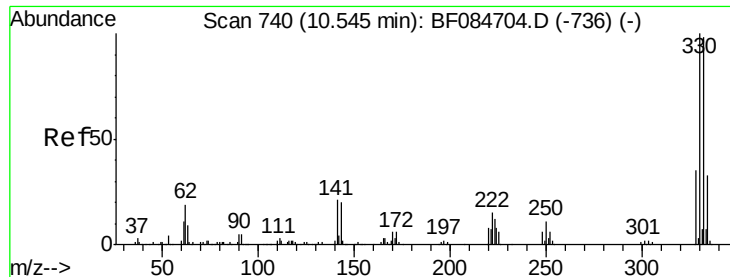


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

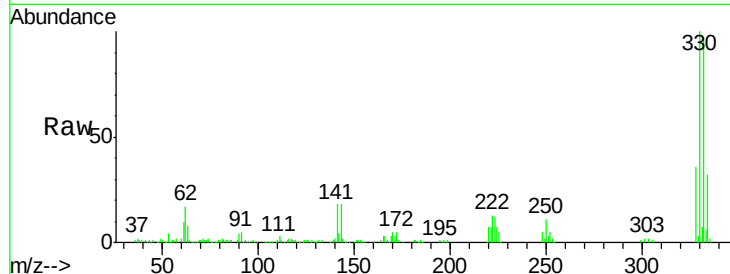




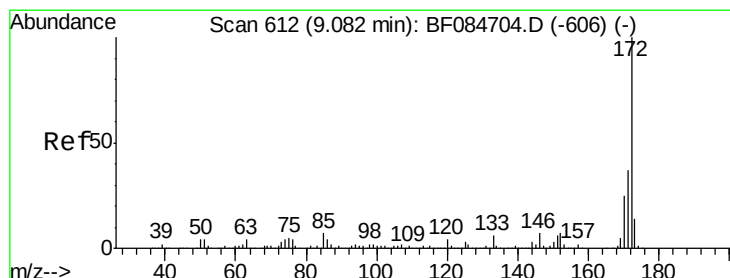
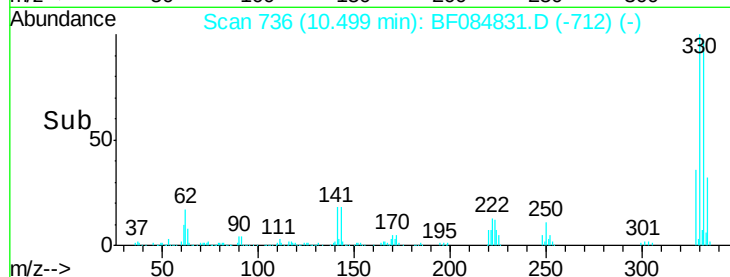
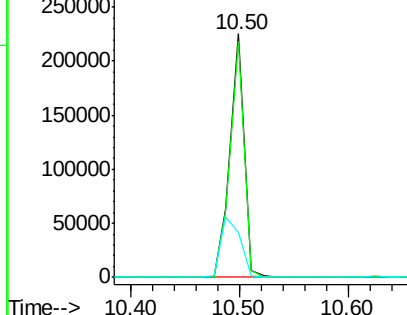
#41
 2,4,6-Tribromophenol
 Concen: 69.39 ng
 RT: 10.50 min Scan# 736
 Delta R.T. -0.02 min
 Lab File: BF084831.D
 Acq: 4 Feb 2016 16:19

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B037(15-17)DL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	114.8
141	34.9	27.8	41.6

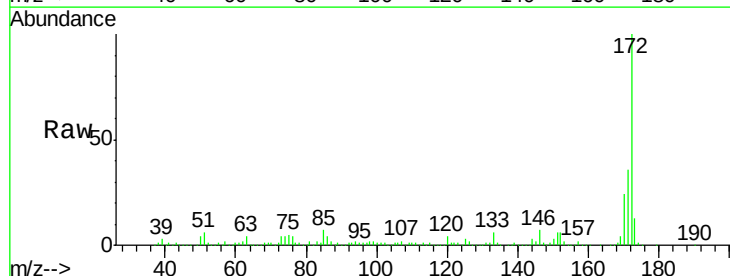


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

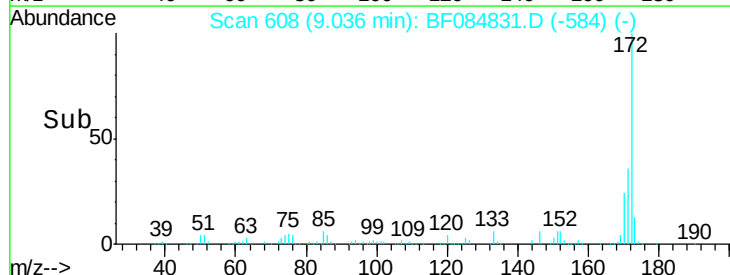
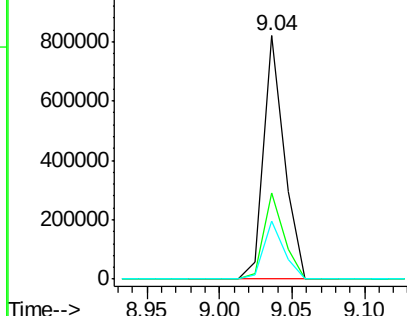


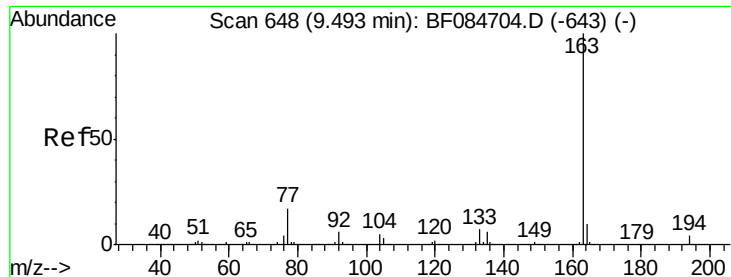
#44
 2-Fluorobiphenyl
 Concen: 40.50 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.02 min
 Lab File: BF084831.D
 Acq: 4 Feb 2016 16:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.9	43.3
170	24.0	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

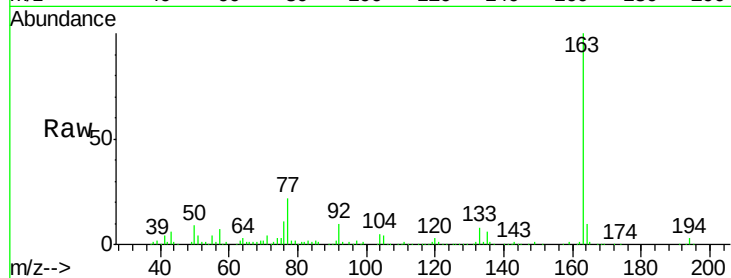




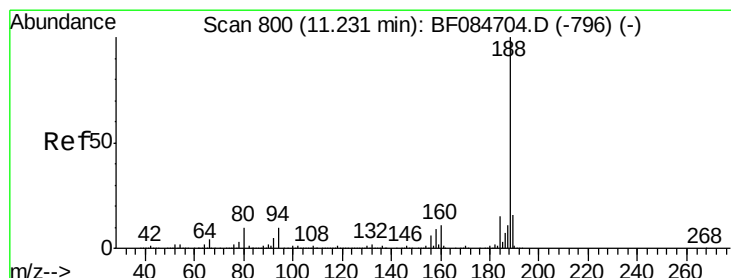
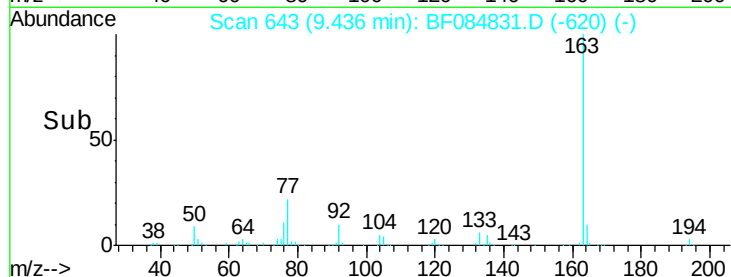
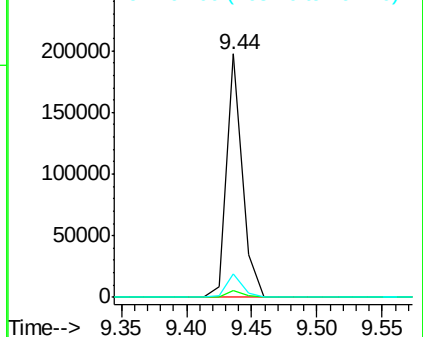
#49
Dimethylphthalate
Concen: 7.74 ng
RT: 9.44 min Scan# 643
Delta R.T. -0.03 min
Lab File: BF084831.D
Acq: 4 Feb 2016 16:19

Instrument :
BNA_F
ClientSampleId :
SUP-B037(15-17)DL

Tot Ion:163 Resp: 165922
Ion Ratio Lower Upper
163 100
194 2.7 8.0 12.0#
164 9.8 8.0 12.0

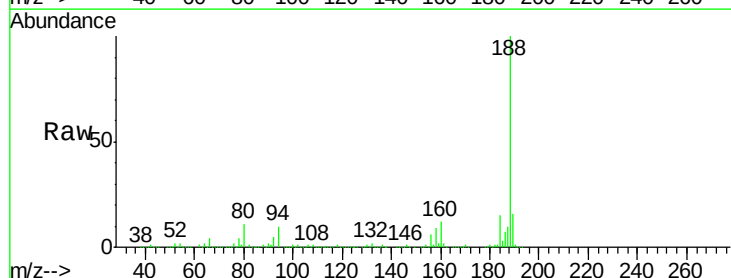


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

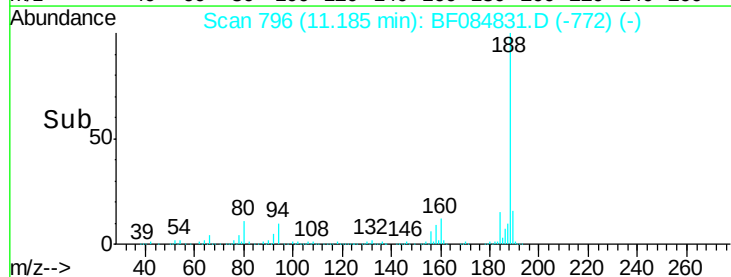
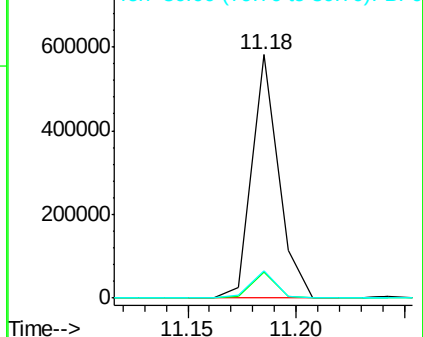


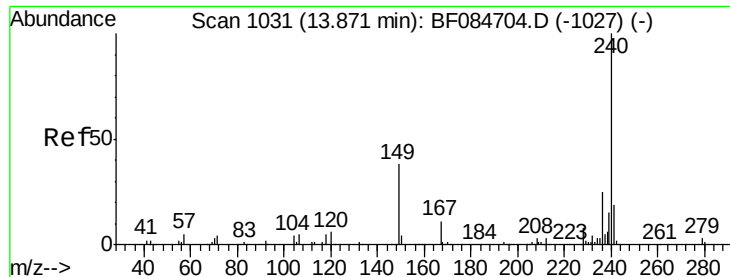
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF084831.D
Acq: 4 Feb 2016 16:19

Tgt Ion:188 Resp: 495906
Ion Ratio Lower Upper
188 100
94 10.5 9.0 13.4
80 11.2 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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.81 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BF084831.D

Acq: 4 Feb 2016 16:19

Instrument :

BNA_F

ClientSampleId :

SUP-B037(15-17)DL

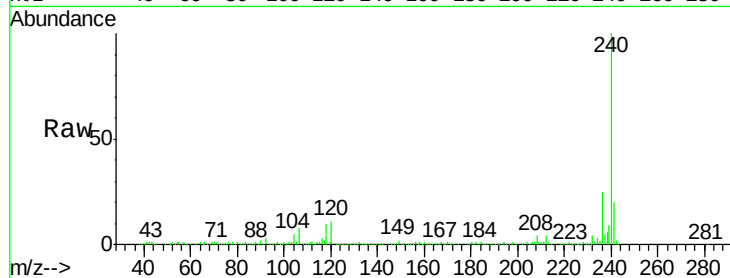
Tot Ion:240 Resp: 397224

Ion Ratio Lower Upper

240 100

120 11.1 9.5 14.3

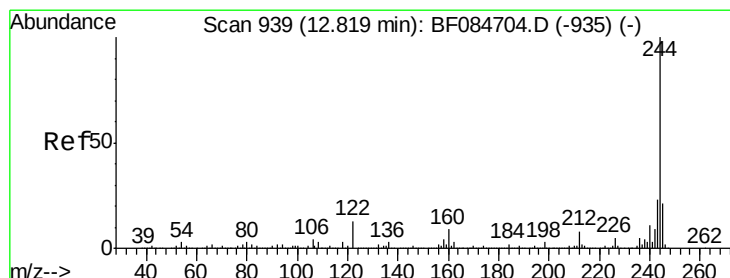
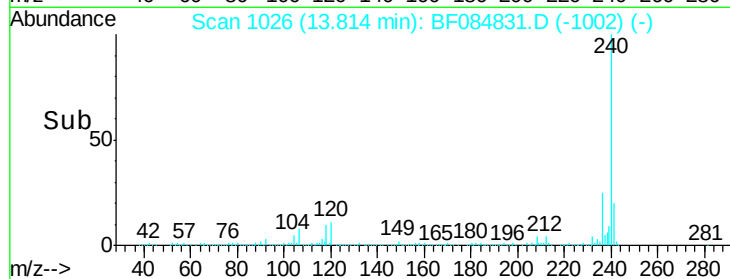
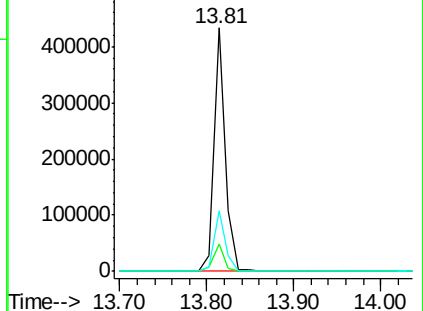
236 25.1 20.6 31.0



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



#78

Terphenyl-d14

Concen: 46.44 ng

RT: 12.77 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF084831.D

Acq: 4 Feb 2016 16:19

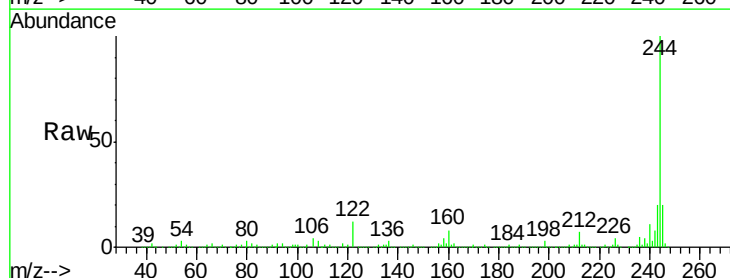
Tgt Ion:244 Resp: 813989

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

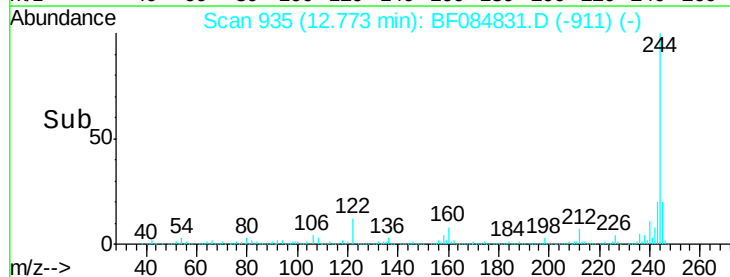
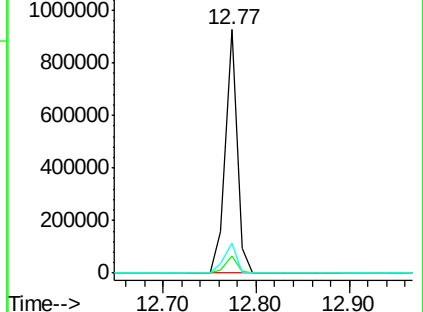
122 12.3 7.4 11.0#

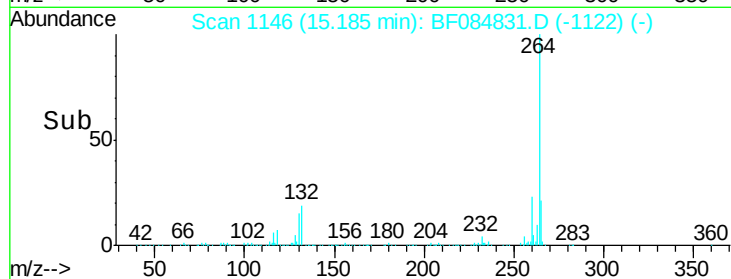
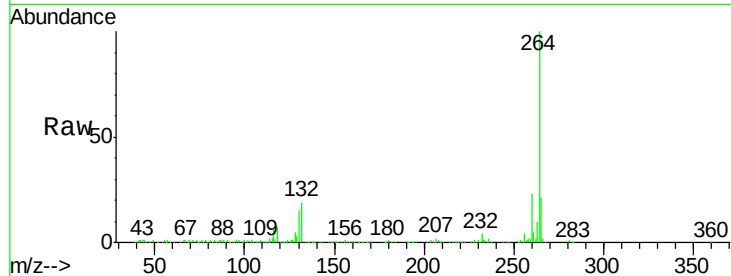
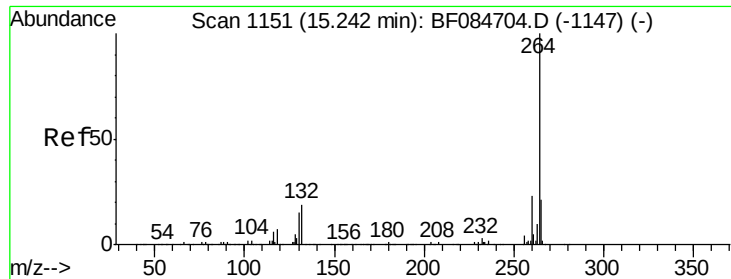


Abundance Ion 244.00 (243.70 to 244.70): E

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

RT: 15.19 min Scan# 1146

Delta R.T. -0.02 min

Lab File: BF084831.D

Acq: 4 Feb 2016 16:19

Instrument :

BNA_F

ClientSampleId :

SUP-B037(15-17)DL

Tot Ion: 264 Resp: 299889

Ion Ratio Lower Upper

264 100

260 23.3 19.4 29.2

265 21.5 17.8 26.6

