

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 01:36:07 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

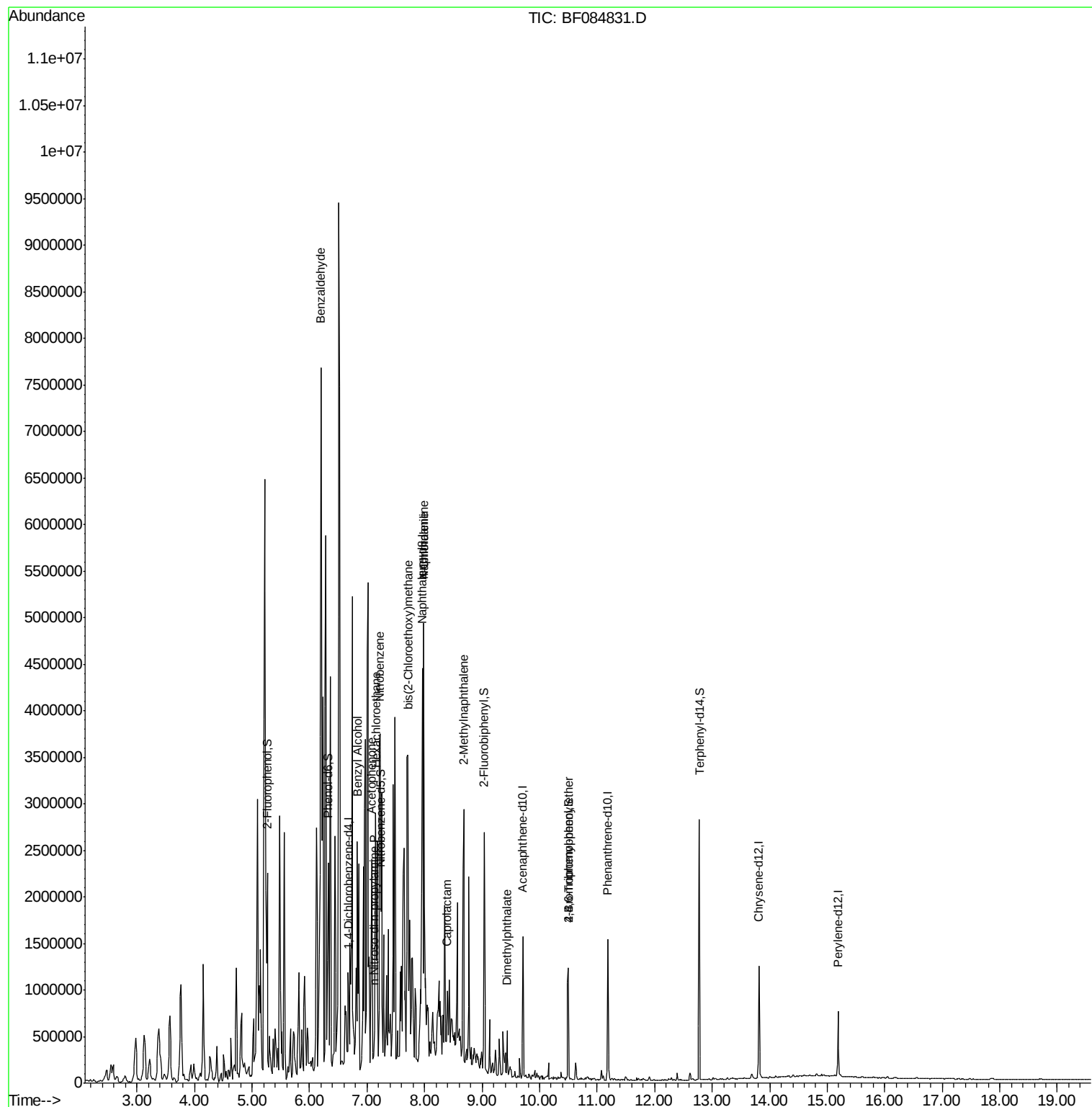
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	136736	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	509602	20.00	ng	-0.01
38) Acenaphthene-d10	9.71	164	281601	20.00	ng	-0.02
63) Phenanthrene-d10	11.18	188	495906	20.00	ng	-0.02
75) Chrysene-d12	13.81	240	397224	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
9) Benzaldehyde	6.20	77	594950	92.57	ng	# 1
15) Benzyl Alcohol	6.83	79	16462	2.19	ng	# 49
18) Hexachloroethane	7.15	117	168254	41.63	ng	# 1
19) n-Nitroso-di-n-propylamine	7.13	70	18777	2.75	ng	# 65
22) Acetophenone	7.08	105	598914	44.59	ng	# 53
24) Nitrobenzene	7.22	77	185293	19.13	ng	# 18
28) bis(2-Chloroethoxy)methane	7.71	93	22416	2.15	ng	# 84
31) Naphthalene	7.98	128	1514362	59.24	ng	# 97
33) 4-Chloroaniline	7.98	127	250818	23.73	ng	# 38
35) Caprolactam	8.40	113	9570	4.37	ng	# 1
37) 2-Methylnaphthalene	8.68	142	1035169	64.70	ng	# 98
49) Dimethylphthalate	9.44	163	165922	7.74	ng	# 90
60) 4-Chlorophenyl-phenylether	10.00	204	211	Below Cal		# 1
66) 4-Bromophenyl-phenylether	10.50	248	12231	2.23	ng	# 1

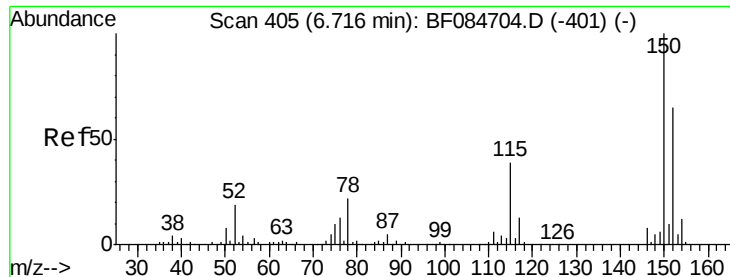
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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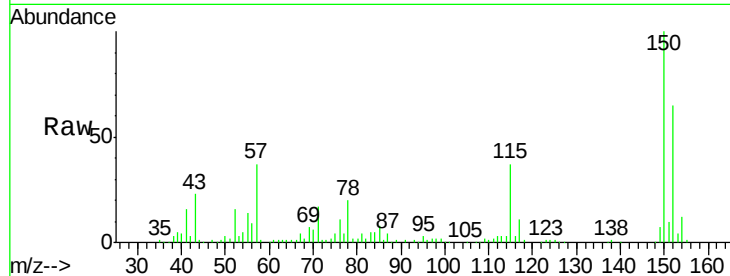


#1

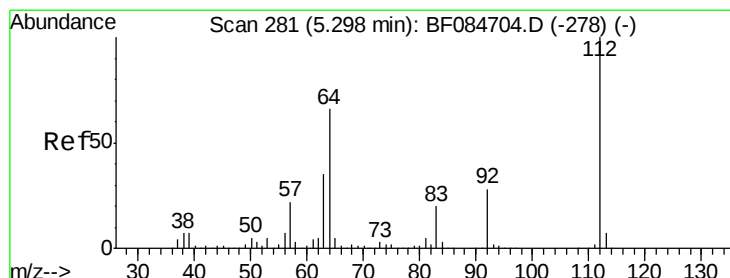
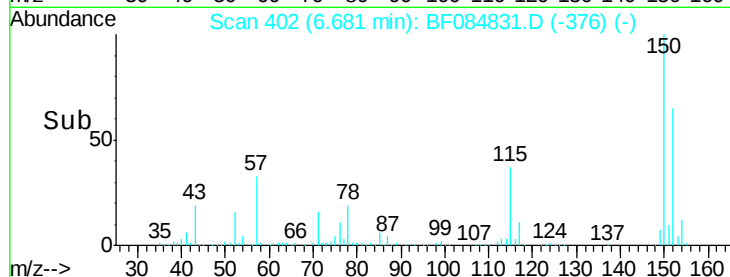
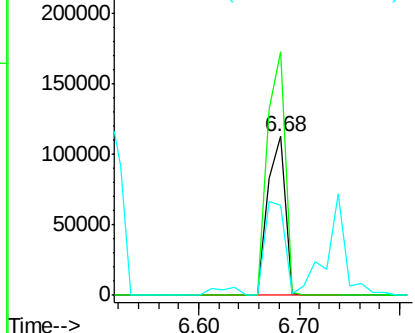
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.68 min Scan# 402
 Delta R.T. -0.00 min
 Lab File: BF084831.D
 Acq: 4 Feb 2016 16:19

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

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



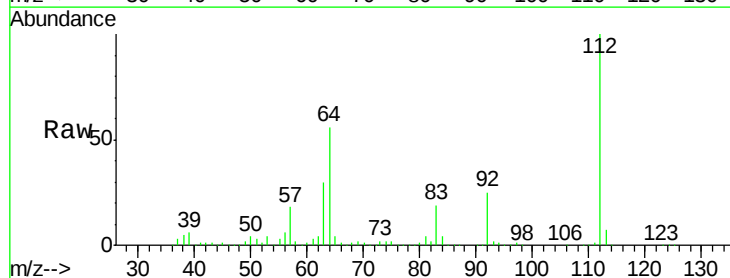
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



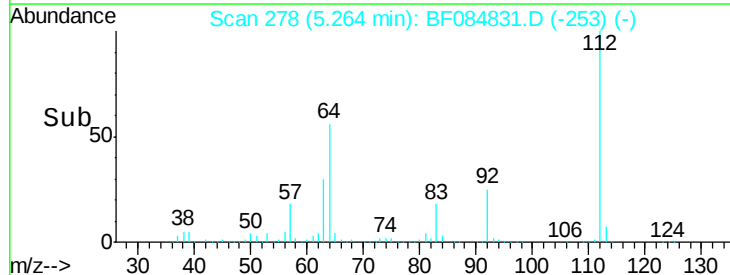
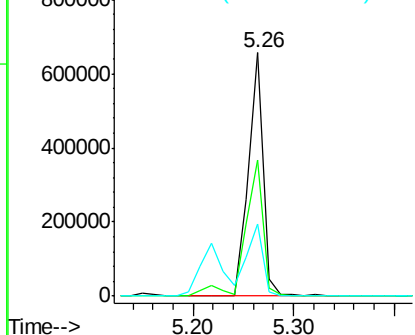
#5

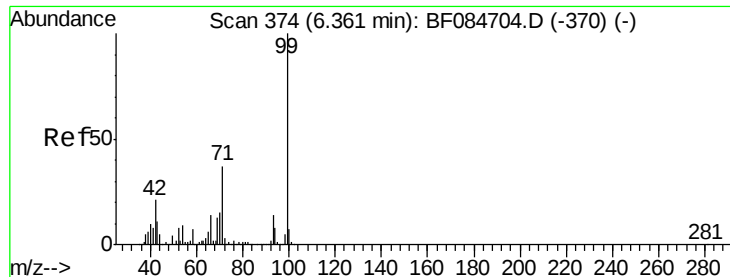
2-Fluorophenol
 Concen: 76.87 ng
 RT: 5.26 min Scan# 278
 Delta R.T. -0.01 min
 Lab File: BF084831.D
 Acq: 4 Feb 2016 16:19

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

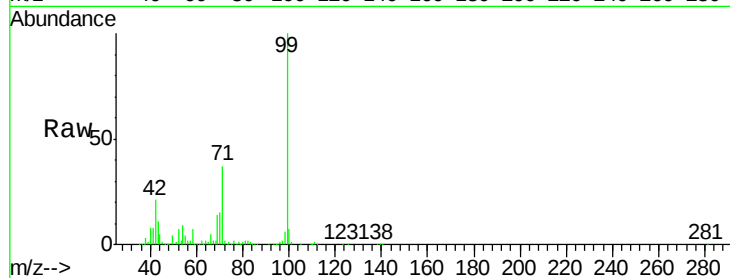
Tgt Ion: 99 Resp: 837339

Ion Ratio Lower Upper

99 100

42 20.7 12.8 19.2#

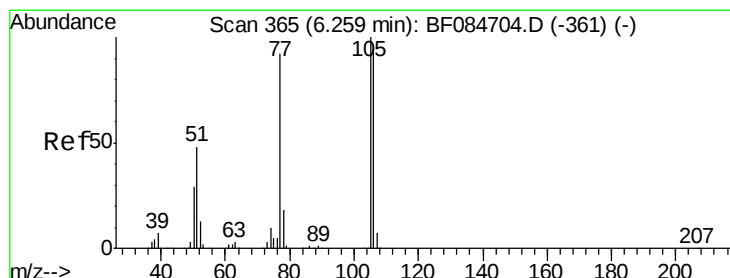
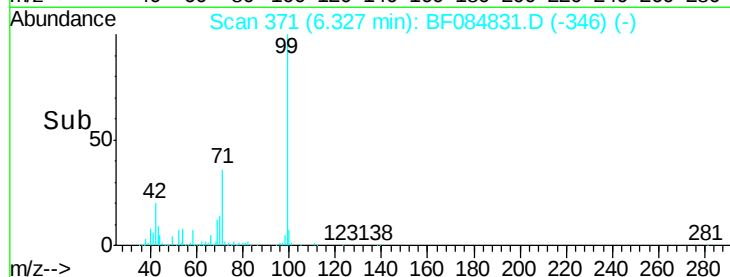
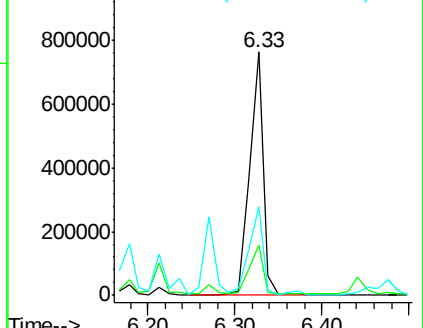
71 36.6 30.9 46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 92.57 ng

RT: 6.20 min Scan# 360

Delta R.T. -0.03 min

Lab File: BF084831.D

Acq: 4 Feb 2016 16:19

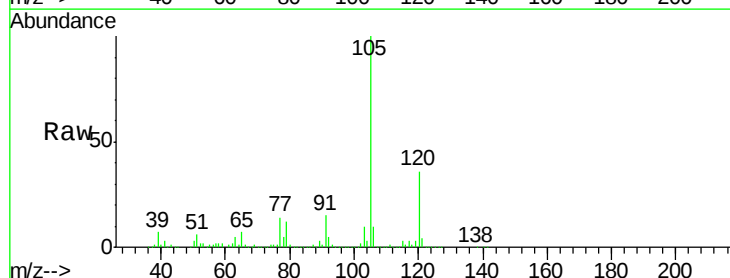
Tgt Ion: 77 Resp: 594950

Ion Ratio Lower Upper

77 100

105 692.9 83.0 123.0#

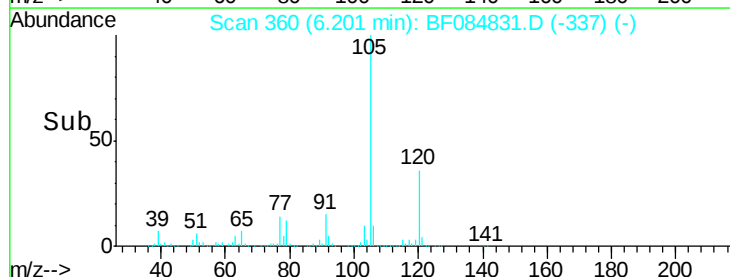
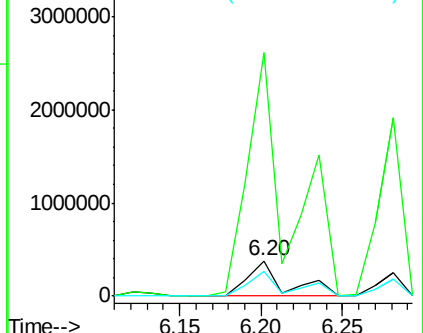
106 71.0 74.6 114.6#

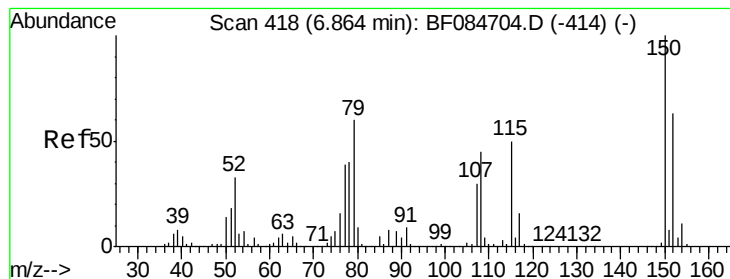


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.19 ng

RT: 6.83 min Scan# 415

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

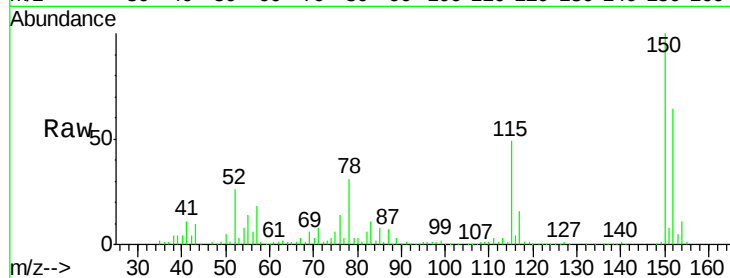
Tgt Ion: 79 Resp: 16462

Ion Ratio Lower Upper

79 100

108 25.0 69.0 103.4#

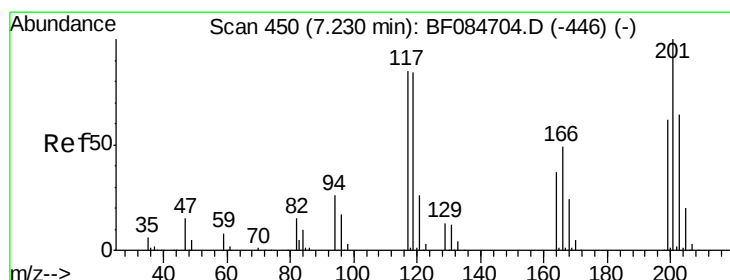
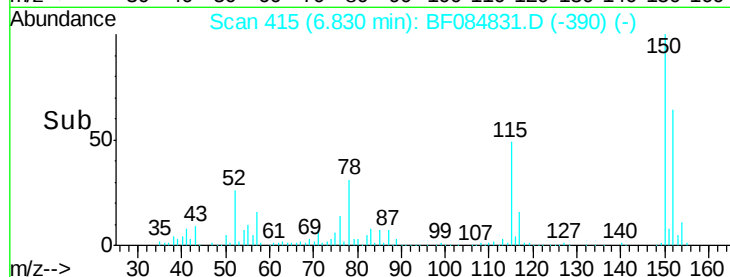
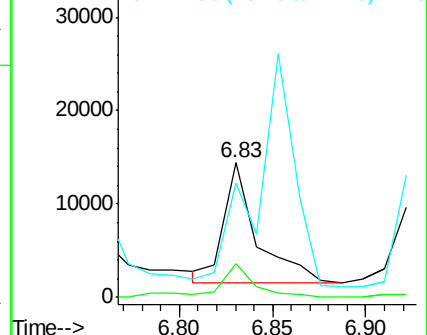
77 85.5 50.0 75.0#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0



#18

Hexachloroethane

Concen: 41.63 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.05 min

Lab File: BF084831.D

Acq: 4 Feb 2016 16:19

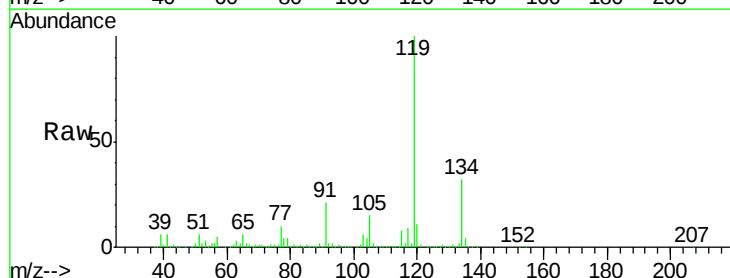
Tgt Ion: 117 Resp: 168254

Ion Ratio Lower Upper

117 100

119 1068.3 77.4 116.0#

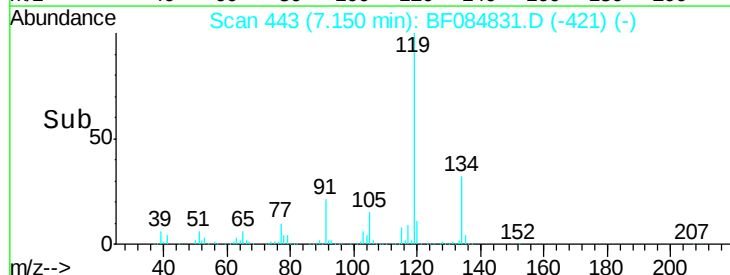
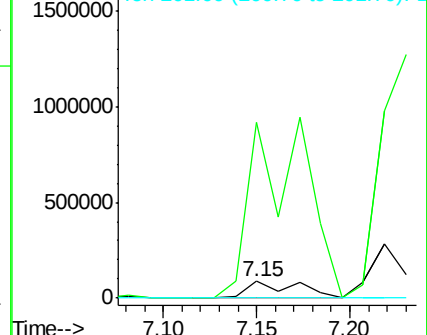
201 0.0 68.6 103.0#

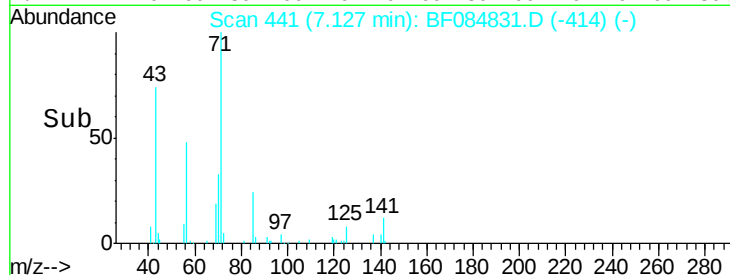
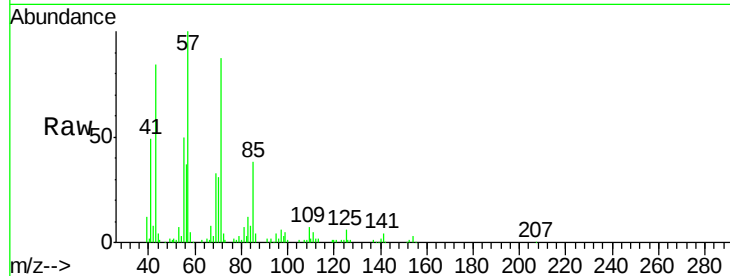
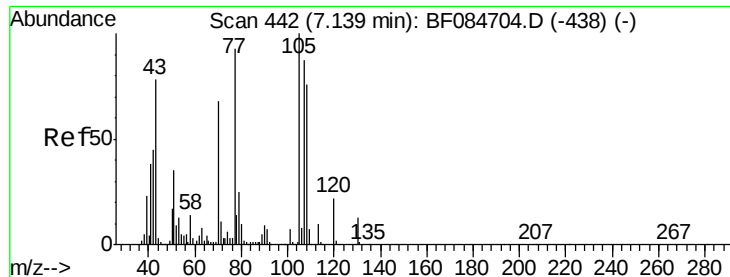


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

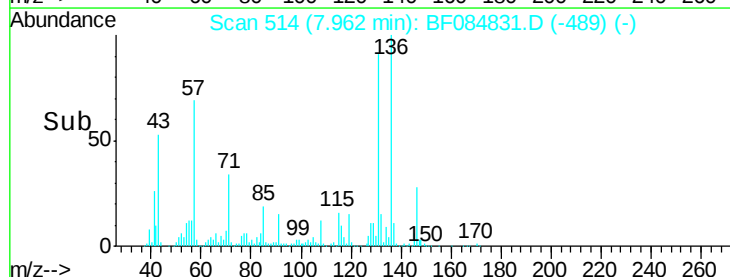
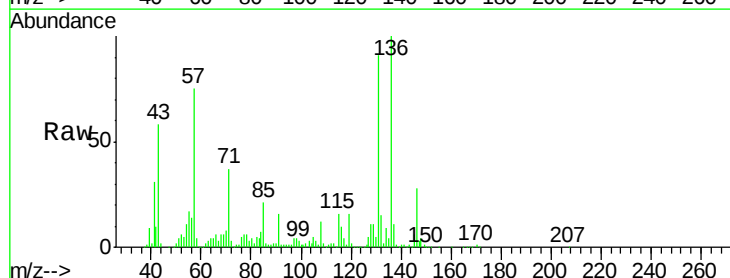
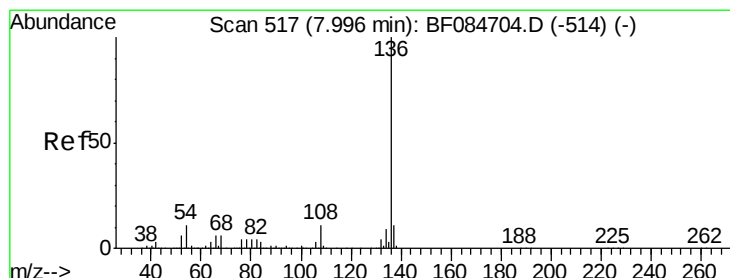
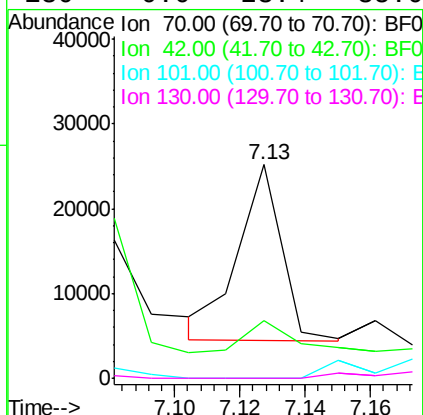




#19
n-Nitroso-di-n-propylamine
Concen: 2.75 ng
RT: 7.13 min Scan# 441
Delta R.T. 0.01 min
Lab File: BF084831.D
Acq: 4 Feb 2016 16:19

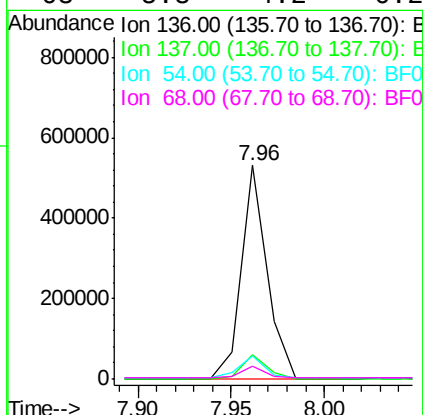
Instrument :
BNA_F
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SUP-B037(15-17)DL

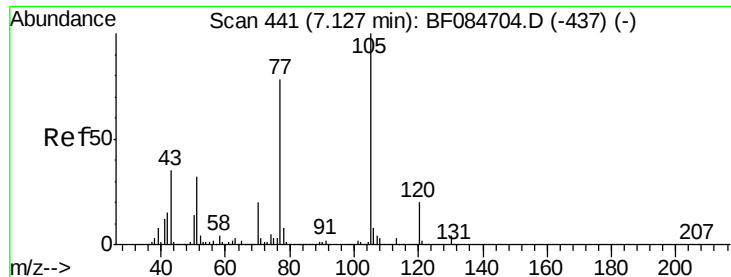
Tgt Ion:	70	Resp:	18777
Ion Ratio	Lower	Upper	
70	100		
42	26.9	33.3	49.9#
101	0.0	9.3	13.9#
130	0.0	23.4	35.0#



#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

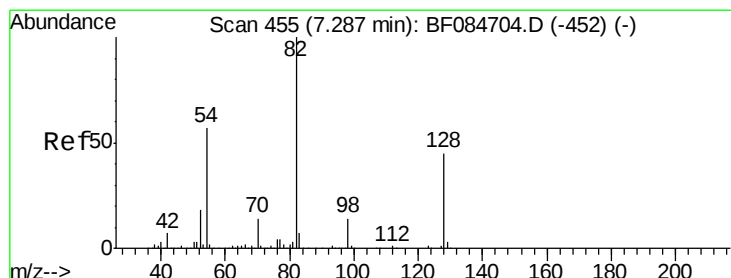
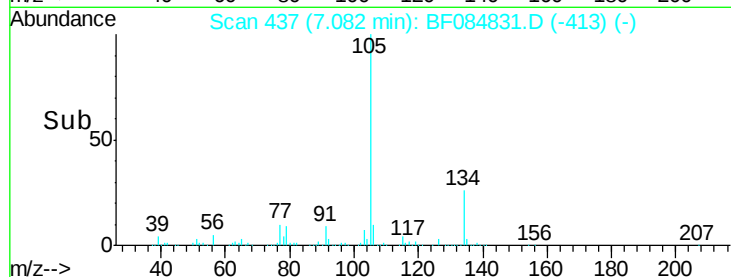
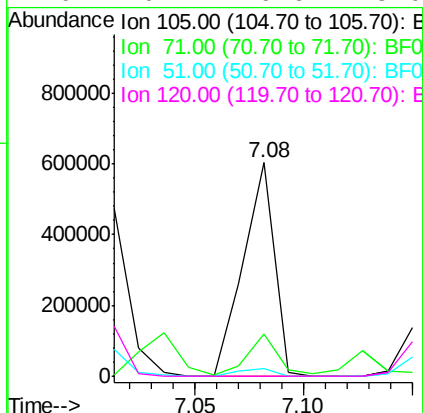
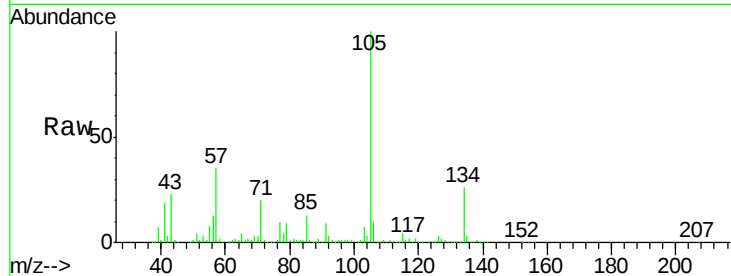




#22
Acetophenone
Concen: 44.59 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF084831.D
Acq: 4 Feb 2016 16:19

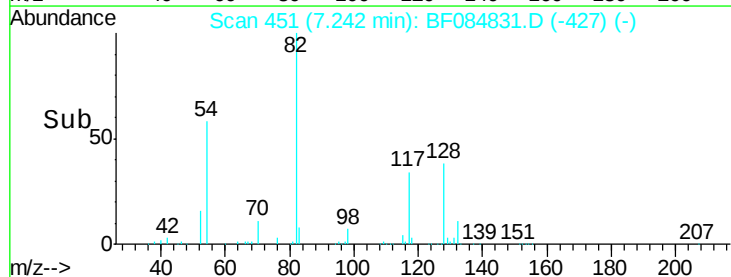
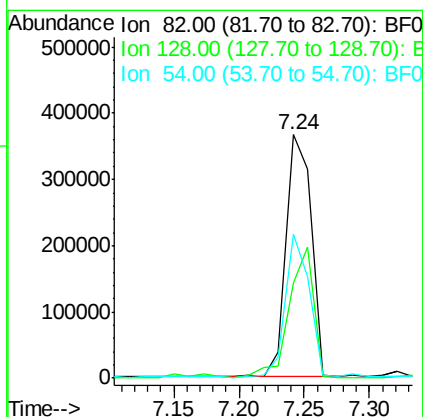
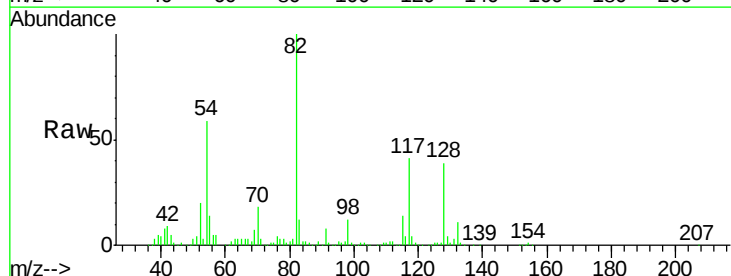
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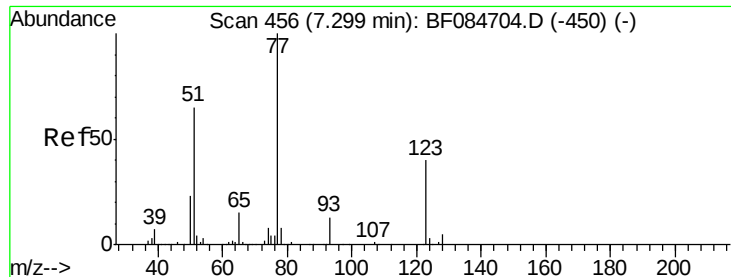
Tgt Ion: 105 Resp: 598914
Ion Ratio Lower Upper
105 100
71 19.7 3.7 5.5#
51 3.8 25.1 37.7#
120 0.2 16.6 25.0#



#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

Tgt Ion: 82 Resp: 498618
Ion Ratio Lower Upper
82 100
128 39.0 34.6 51.8
54 59.0 38.4 57.6#





#24

Nitrobenzene

Concen: 19.13 ng

RT: 7.22 min Scan# 449

Delta R.T. -0.06 min

Lab File: BF084831.D

Acq: 4 Feb 2016 16:19

Instrument :

BNA_F

ClientSampleId :

SUP-B037(15-17)DL

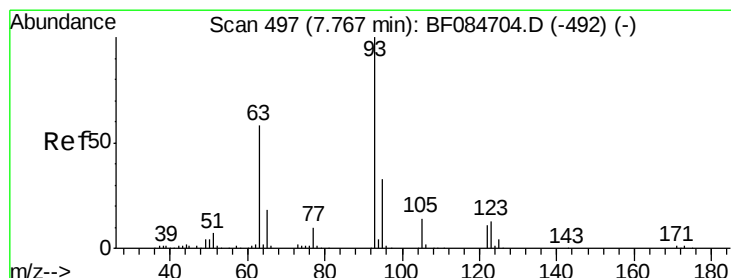
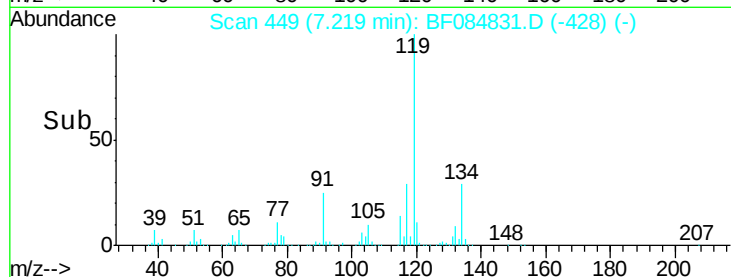
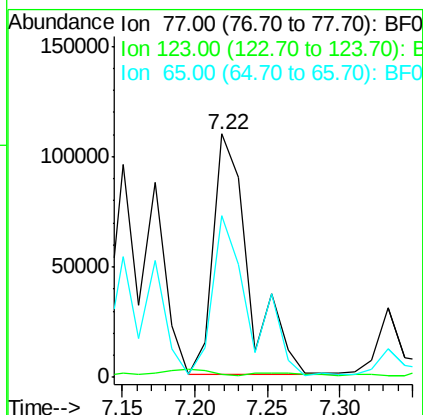
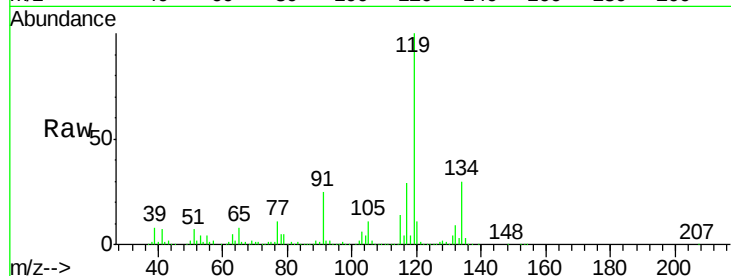
Tgt Ion: 77 Resp: 185293

Ion Ratio Lower Upper

77 100

123 1.3 37.4 56.2#

65 66.4 10.9 16.3#



#28

bis(2-Chloroethoxy)methane

Concen: 2.15 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.03 min

Lab File: BF084831.D

Acq: 4 Feb 2016 16:19

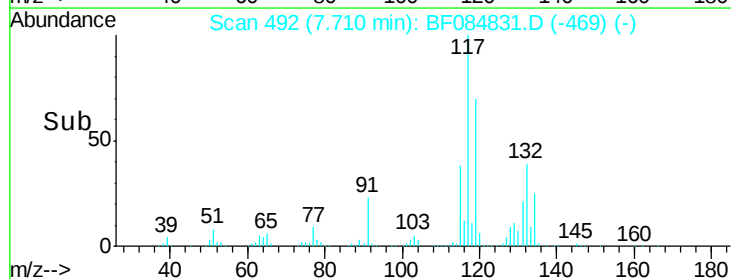
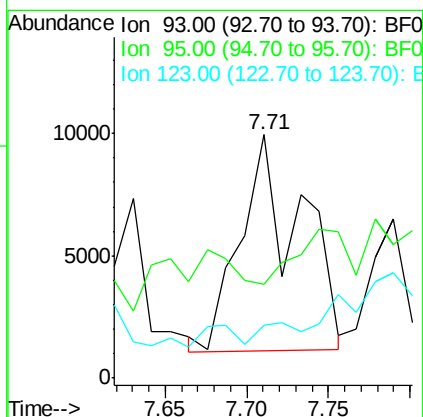
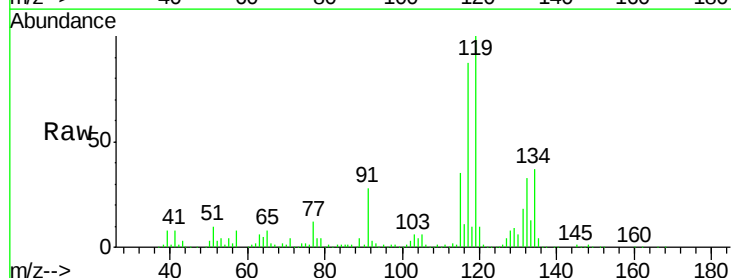
Tgt Ion: 93 Resp: 22416

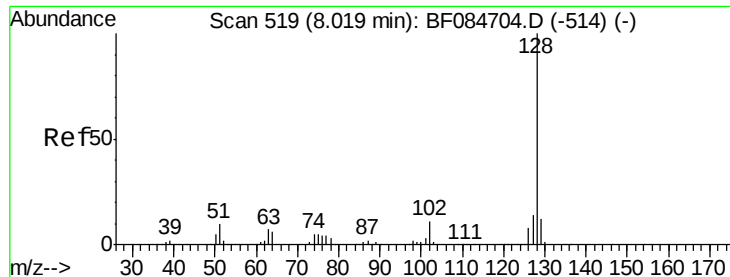
Ion Ratio Lower Upper

93 100

95 38.5 25.8 38.6

123 21.7 8.6 12.8#

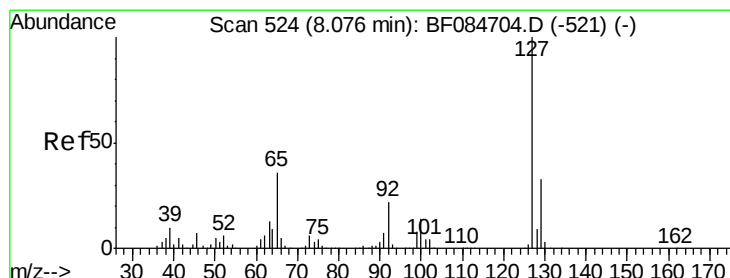
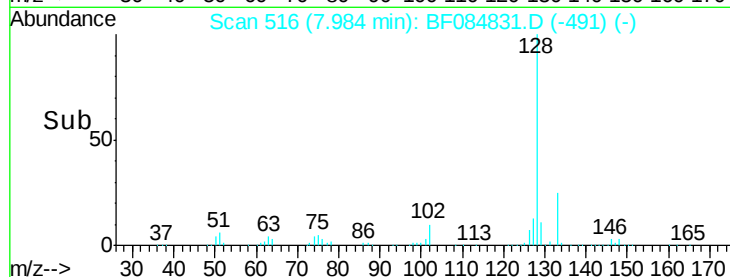
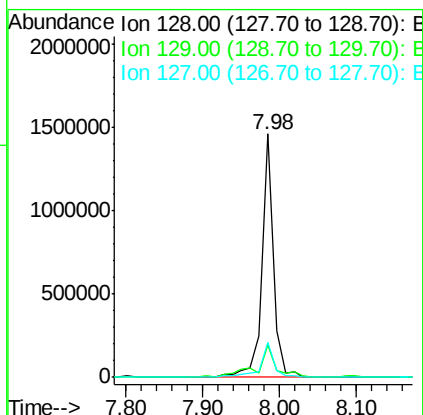
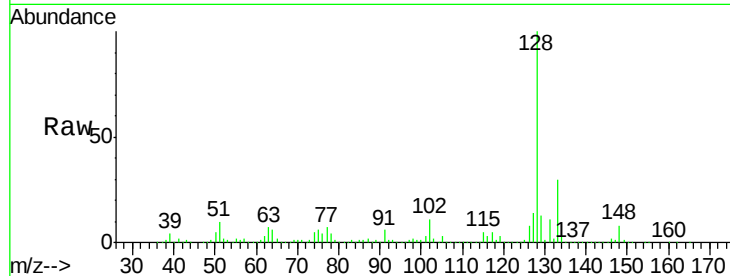




#31
Naphthalene
Concen: 59.24 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF084831.D
Acq: 4 Feb 2016 16:19

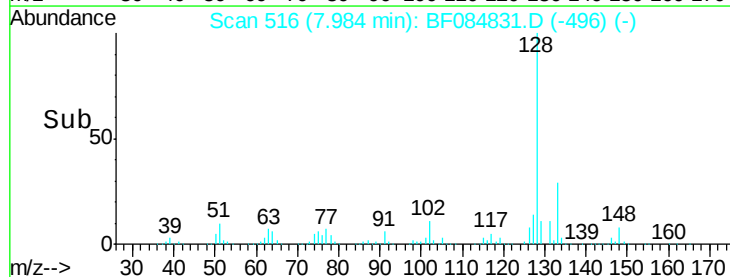
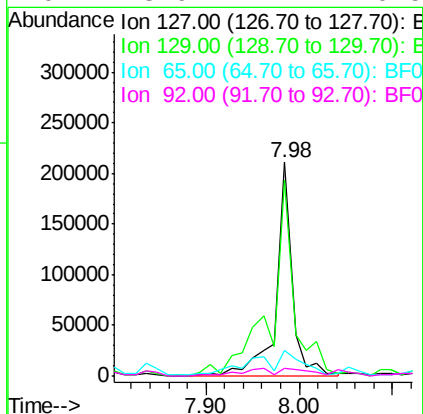
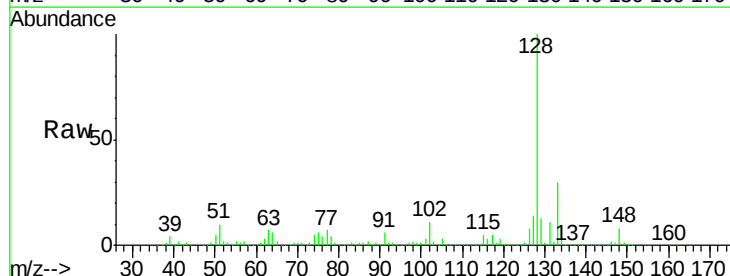
Instrument :
BNA_F
ClientSampleId :
SUP-B037(15-17)DL

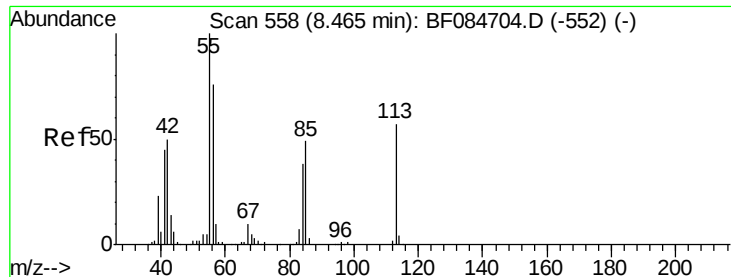
Tgt Ion:128 Resp: 1514362
Ion Ratio Lower Upper
128 100
129 13.2 9.1 13.7
127 14.4 11.1 16.7



#33
4-Chloroaniline
Concen: 23.73 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.07 min
Lab File: BF084831.D
Acq: 4 Feb 2016 16:19

Tgt Ion:127 Resp: 250818
Ion Ratio Lower Upper
127 100
129 91.6 26.5 39.7#
65 12.1 27.2 40.8#
92 3.9 17.7 26.5#





#35

Caprolactam

Concen: 4.37 ng

RT: 8.40 min Scan# 552

Delta R.T. -0.05 min

Lab File: BF084831.D

Acq: 4 Feb 2016 16:19

Instrument :

BNA_F

ClientSampleId :

SUP-B037(15-17)DL

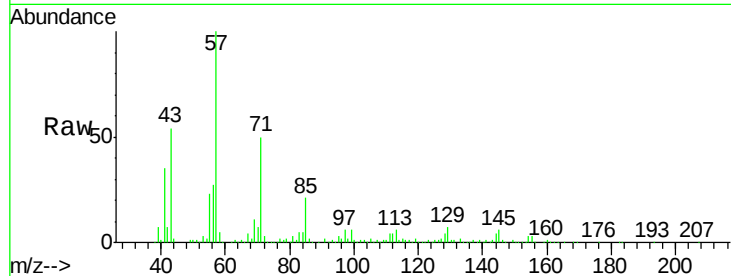
Tgt Ion:113 Resp: 9570

Ion Ratio Lower Upper

113 100

55 422.6 116.9 156.9#

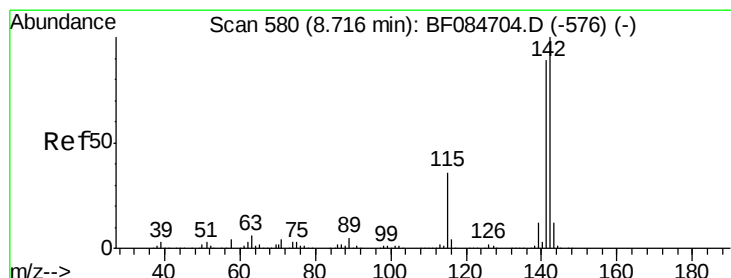
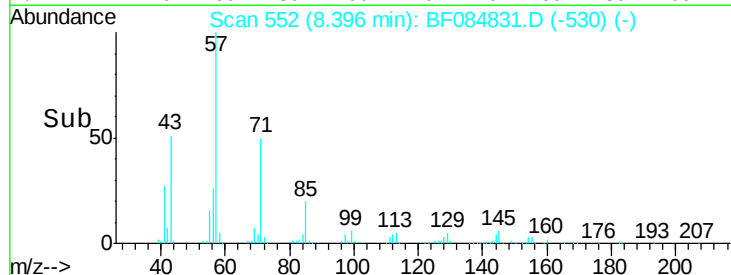
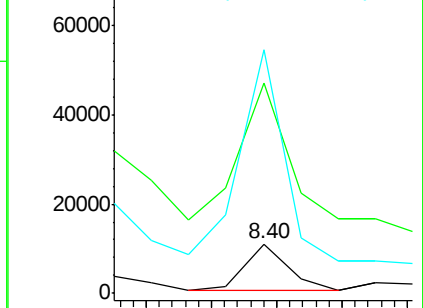
56 490.1 93.8 133.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#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

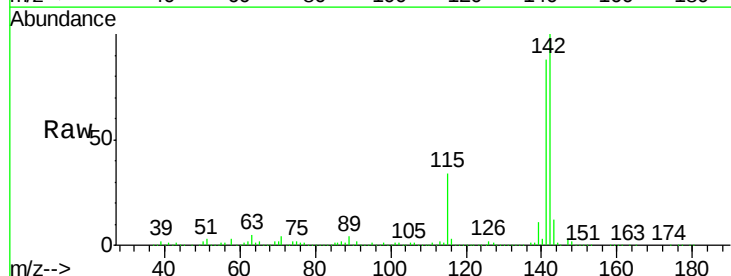
Tgt Ion:142 Resp: 1035169

Ion Ratio Lower Upper

142 100

141 88.4 72.4 108.6

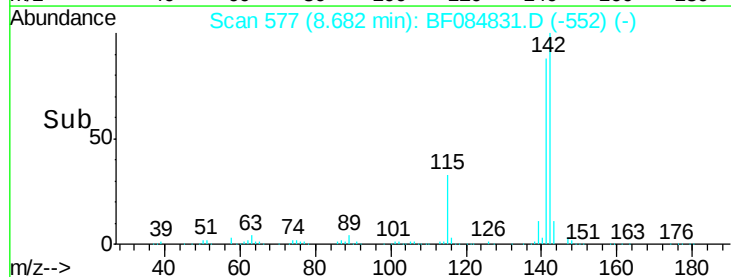
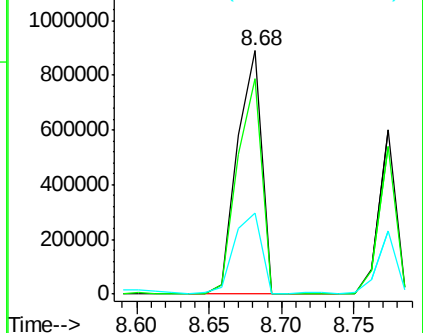
115 33.5 27.9 41.9

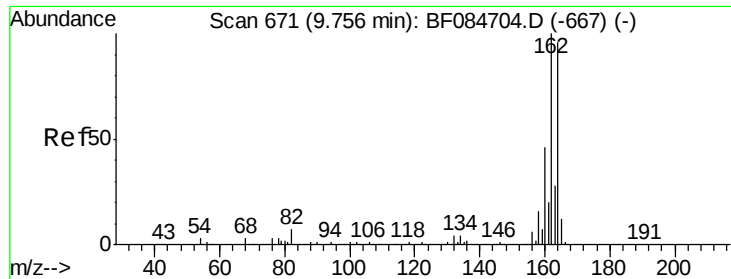


Abundance Ion 142.00 (141.70 to 142.70): E

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

Instrument :

BNA_F

ClientSampleId :

SUP-B037(15-17)DL

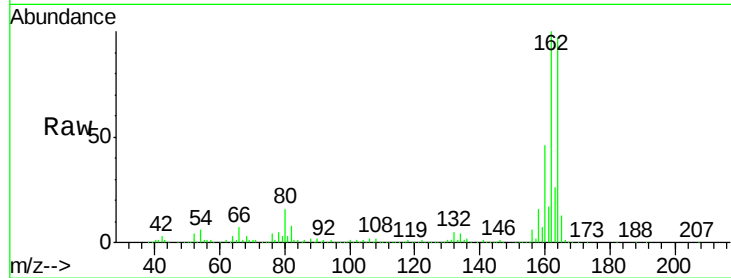
Tgt Ion:164 Resp: 281601

Ion Ratio Lower Upper

164 100

162 103.1 85.1 127.7

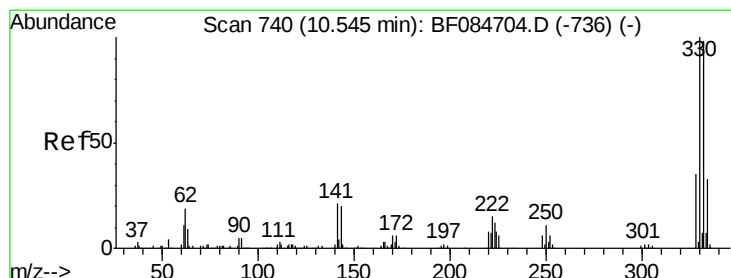
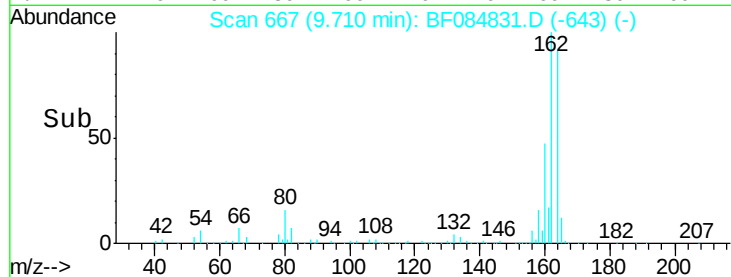
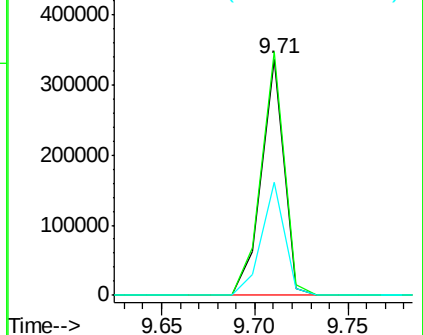
160 47.8 37.5 56.3



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

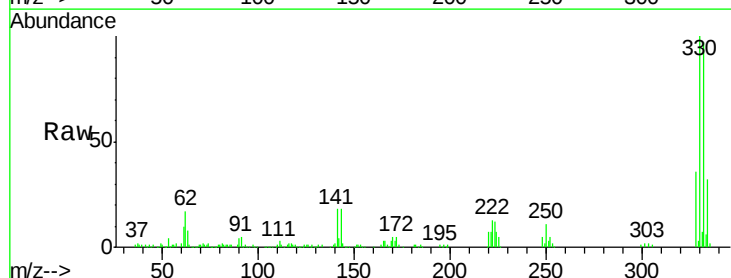
Tgt Ion:330 Resp: 203821

Ion Ratio Lower Upper

330 100

332 96.7 76.6 114.8

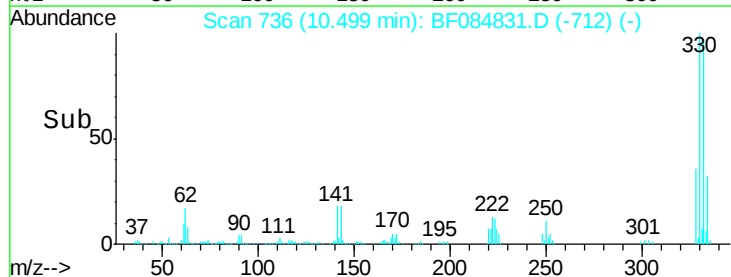
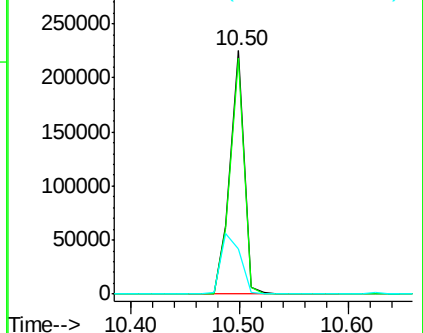
141 34.9 27.8 41.6

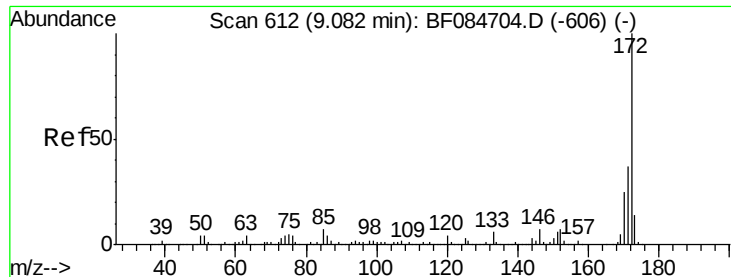


Abundance Ion 329.80 (329.50 to 330.50): E

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

Instrument :

BNA_F

ClientSampleId :

SUP-B037(15-17)DL

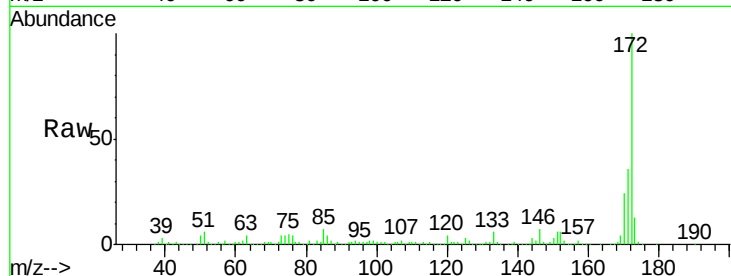
Tgt Ion:172 Resp: 803642

Ion Ratio Lower Upper

172 100

171 35.5 28.9 43.3

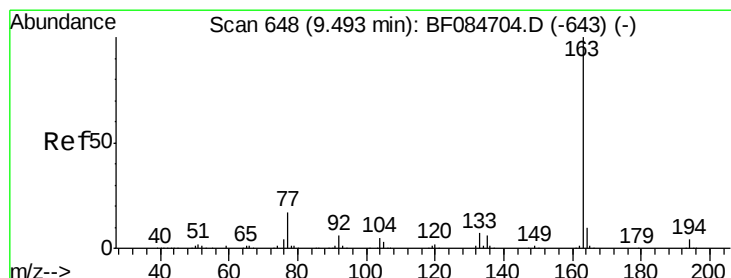
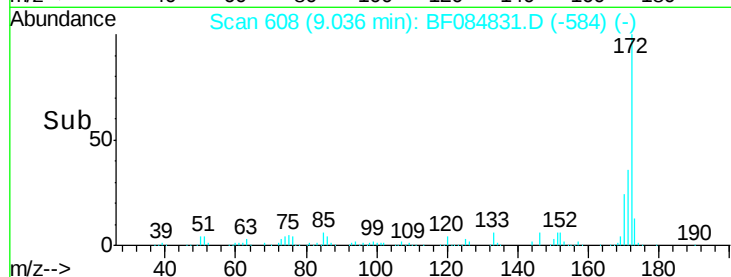
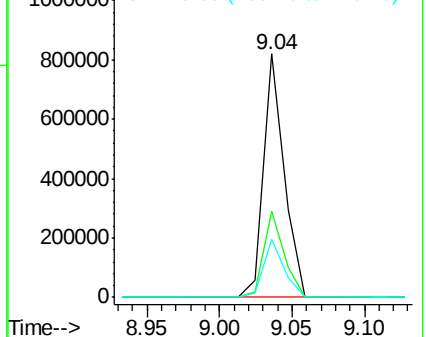
170 24.0 18.6 27.8



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

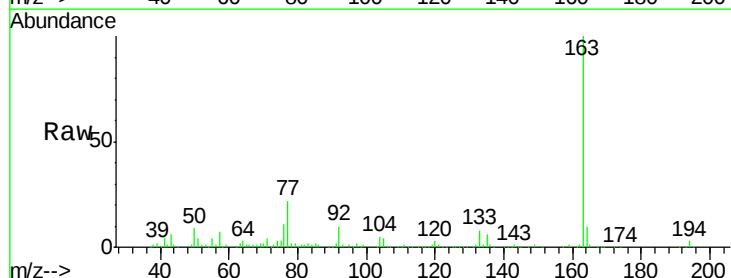
Tgt Ion:163 Resp: 165922

Ion Ratio Lower Upper

163 100

194 2.7 8.0 12.0#

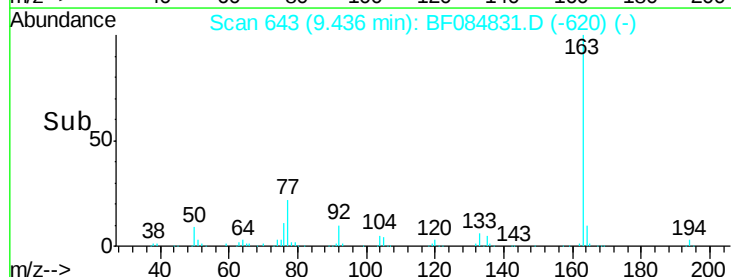
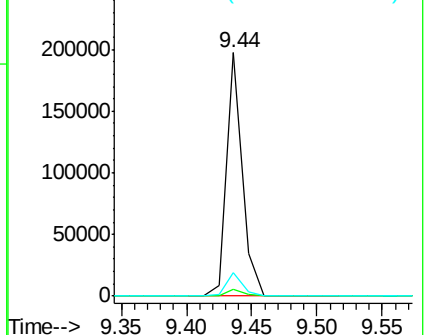
164 9.8 8.0 12.0

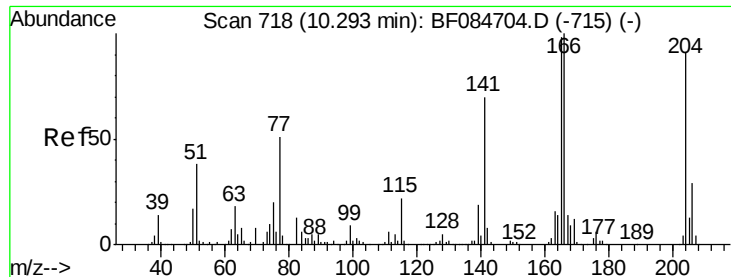


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

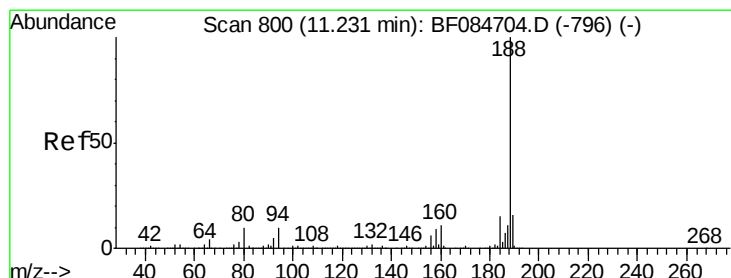
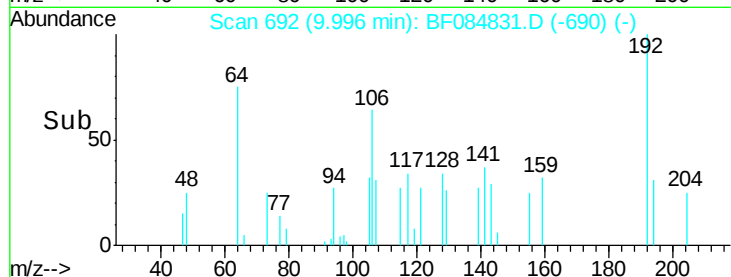
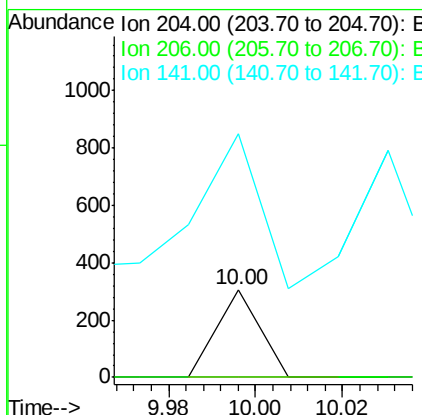
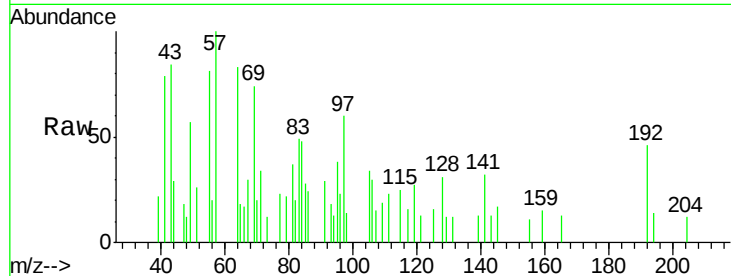




#60
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 10.00 min Scan# 692
Delta R.T. -0.27 min
Lab File: BF084831.D
Acq: 4 Feb 2016 16:19

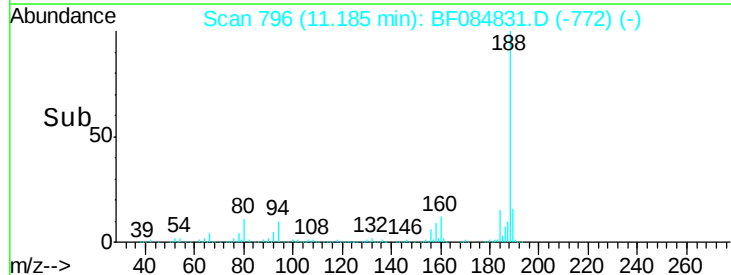
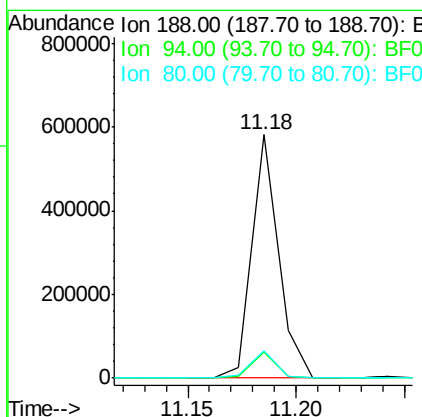
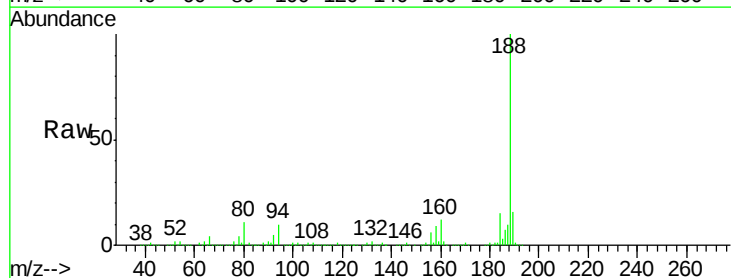
Instrument :
BNA_F
ClientSampleId :
SUP-B037(15-17)DL

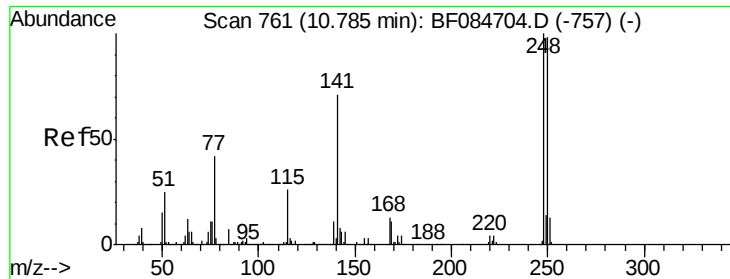
Tgt Ion: 204 Resp: 211
Ion Ratio Lower Upper
204 100
206 0.0 25.7 38.5#
141 276.5 55.1 82.7#



#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

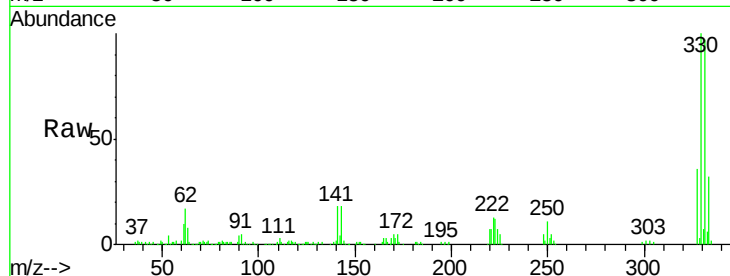




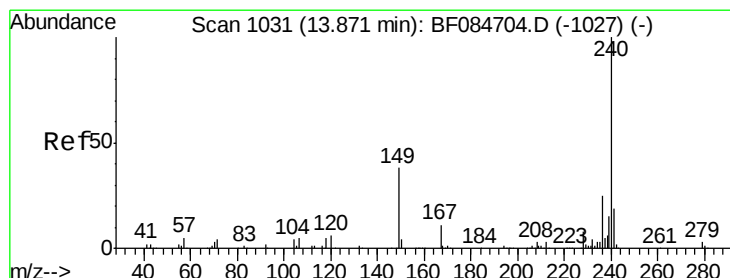
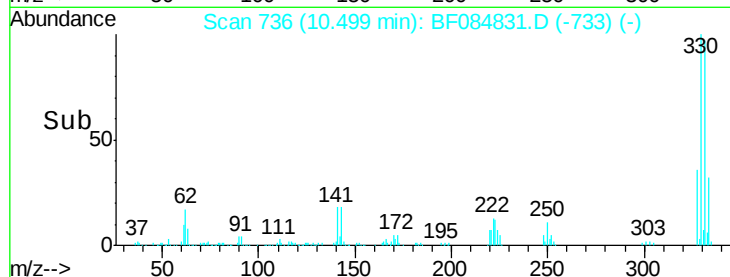
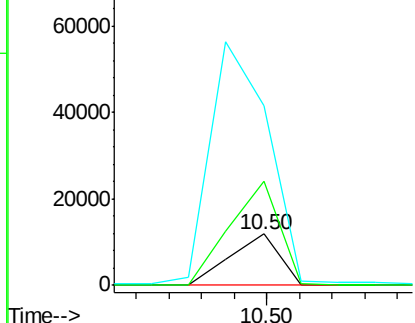
#66
4-Bromophenyl-phenylether
Concen: 2.23 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.26 min
Lab File: BF084831.D
Acq: 4 Feb 2016 16:19

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

Tgt Ion:248 Resp: 12231
Ion Ratio Lower Upper
248 100
250 201.1 78.4 117.6#
141 349.5 44.0 66.0#

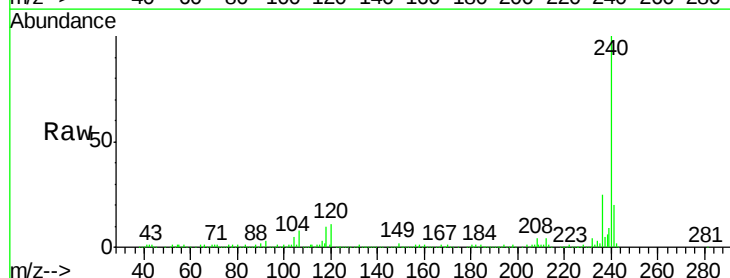


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

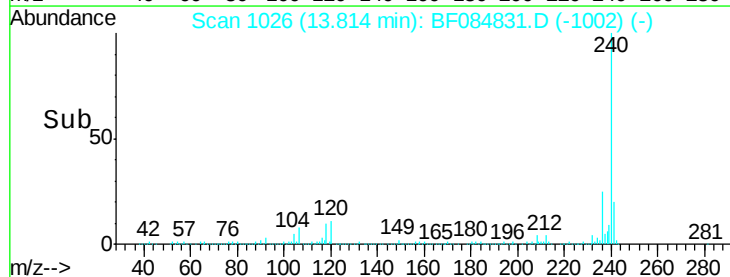
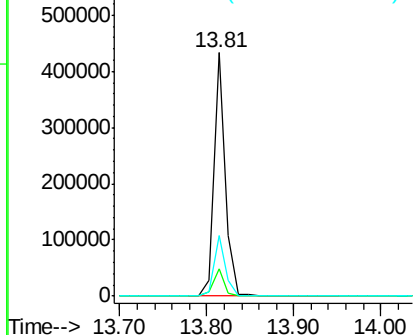


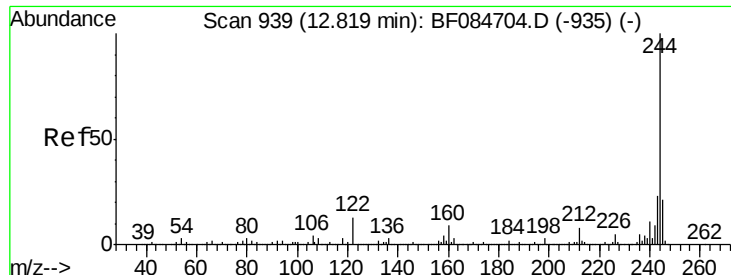
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.81 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BF084831.D
Acq: 4 Feb 2016 16:19

Tgt 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

Instrument :

BNA_F

ClientSampleId :

SUP-B037(15-17)DL

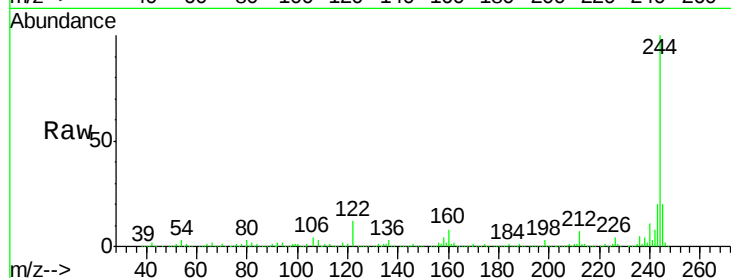
Tgt Ion:244 Resp: 813989

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

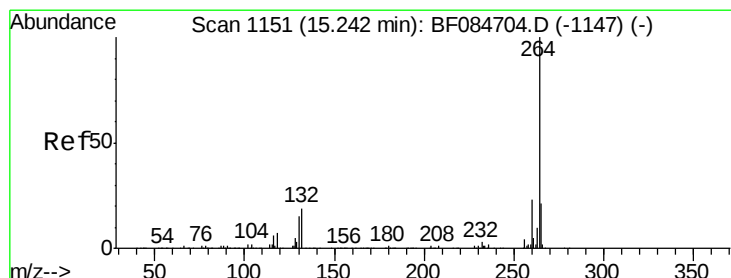
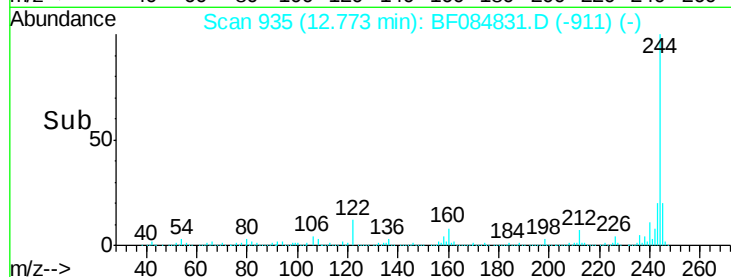
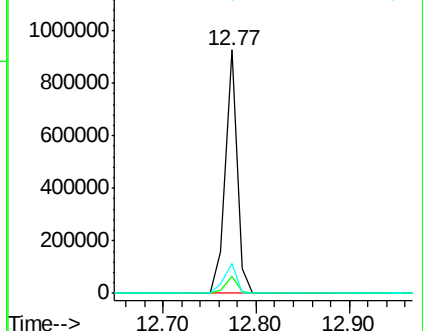
122 12.3 7.4 11.0#



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

Perylene-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

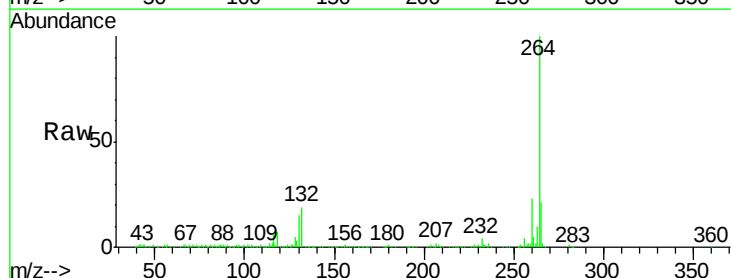
Tgt Ion:264 Resp: 299889

Ion Ratio Lower Upper

264 100

260 23.3 19.4 29.2

265 21.5 17.8 26.6



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

