

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113015\
 Data File : BF083374.D
 Acq On : 1 Dec 2015 12:56
 Operator : UM/IZ
 Sample : G4555-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-16

Quant Time: Dec 01 15:17:19 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

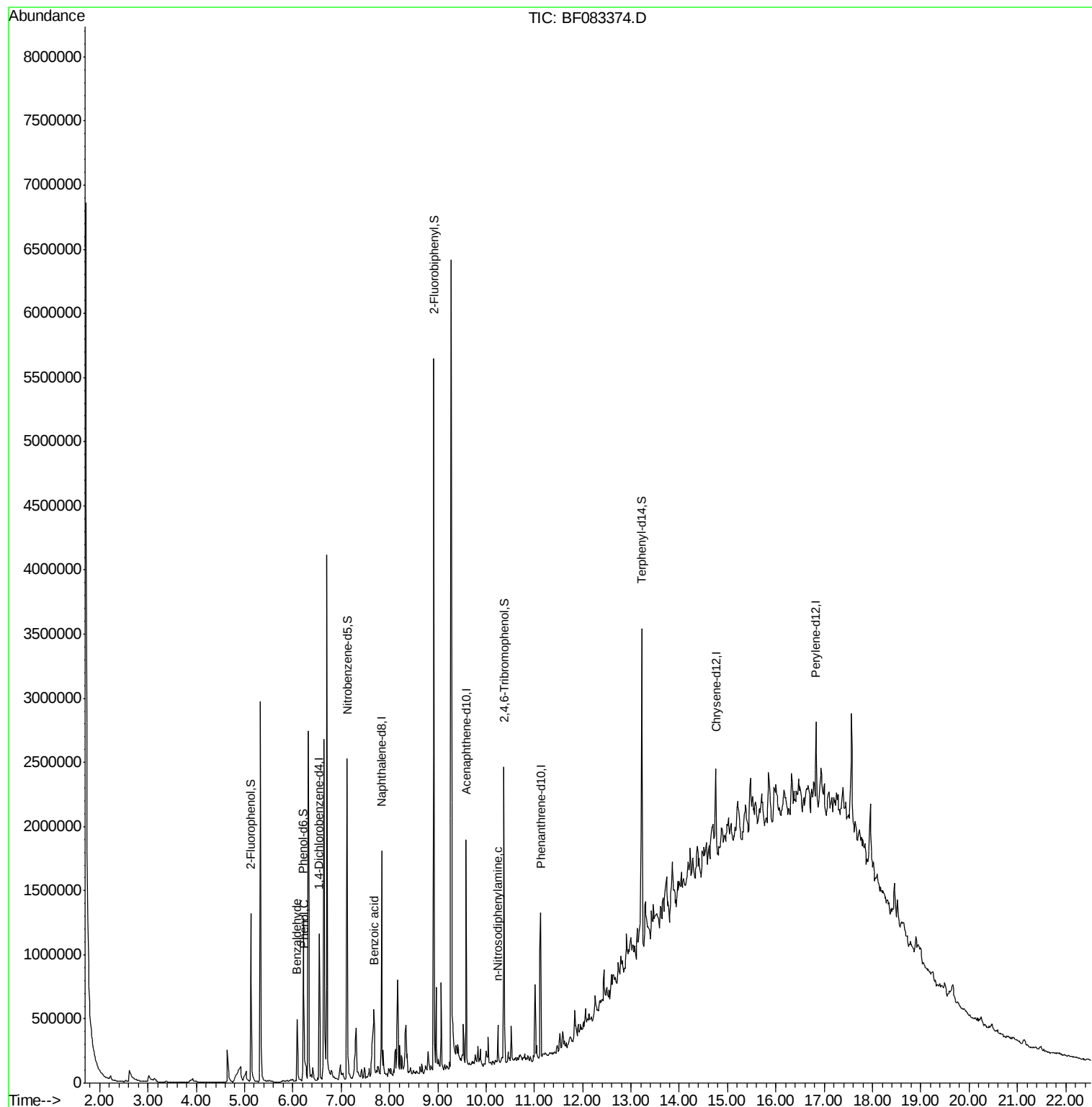
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	170865	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	699075	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	339910	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	558642	20.00	ng	0.00
75) Chrysene-d12	14.76	240	392419	20.00	ng	0.00
86) Perylene-d12	16.83	264	387442	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	474532	41.67	ng	0.00
7) Phenol-d6	6.21	99	408106	26.18	ng	-0.01
23) Nitrobenzene-d5	7.13	82	1186298	74.60	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	250629	73.45	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	1889750	79.23	ng	0.00
78) Terphenyl-d14	13.22	244	1164445	70.77	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.09	77	124607	13.94	ng	99
10) Phenol	6.22	94	205531	10.96	ng	98
32) Benzoic acid	7.68	122	248550	31.01	ng	96
65) n-Nitrosodiphenylamine	10.25	169	45969	2.34	ng	98

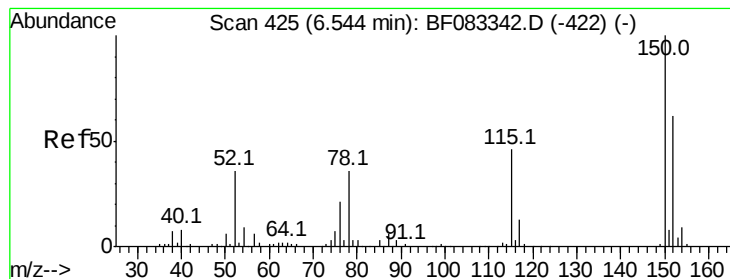
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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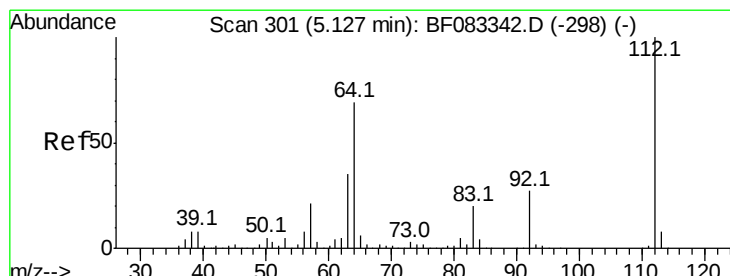
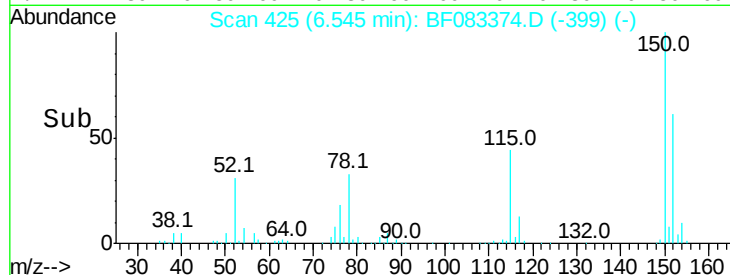
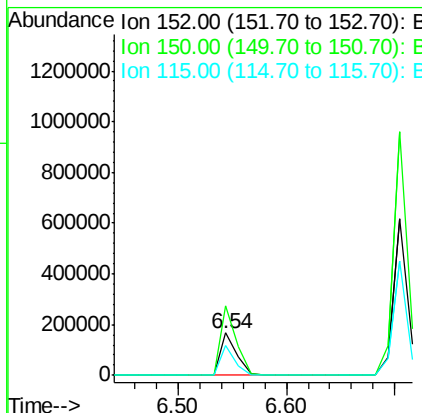
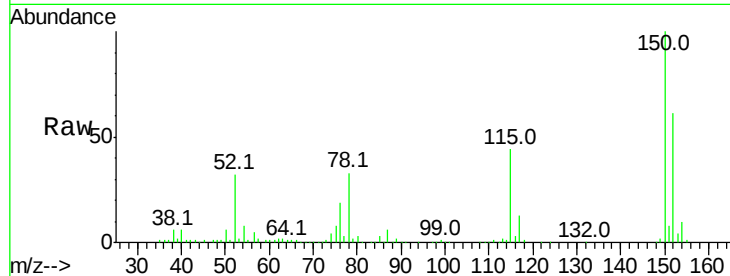


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.54 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BF083374.D
 Acq: 1 Dec 2015 12:56

Instrument :
 BNA_F
 ClientSampleId :
 TEC-16

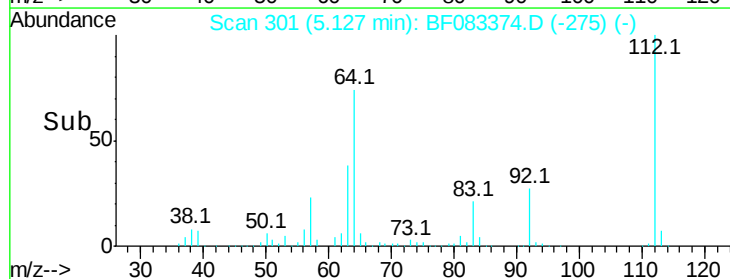
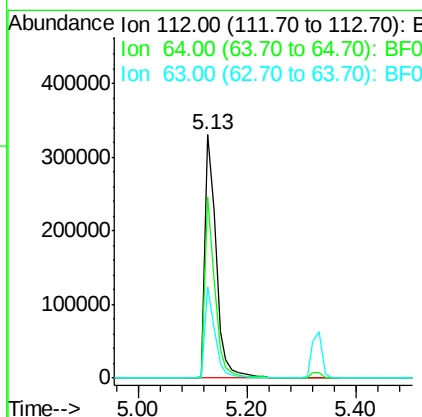
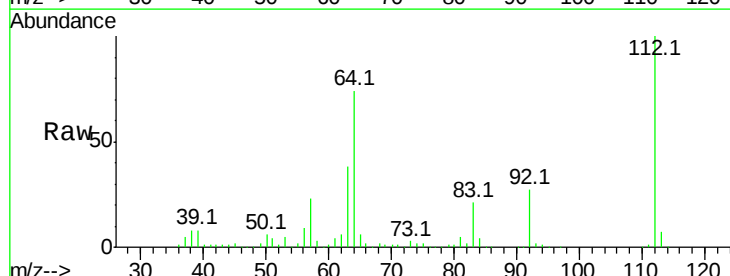
Tot Ion:152 Resp: 170865
 Ion Ratio Lower Upper
 152 100
 150 164.2 129.8 194.8
 115 72.0 59.2 88.8

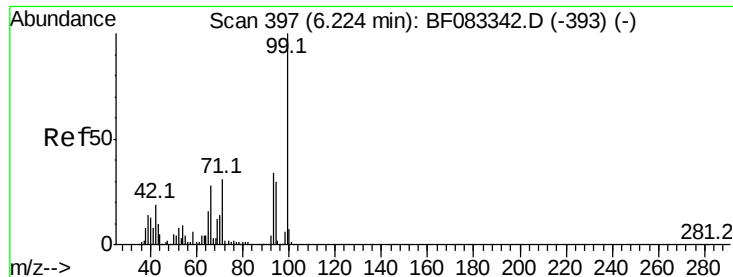


#5

2-Fluorophenol
 Concen: 41.67 ng
 RT: 5.13 min Scan# 301
 Delta R.T. 0.00 min
 Lab File: BF083374.D
 Acq: 1 Dec 2015 12:56

Tgt Ion:112 Resp: 474532
 Ion Ratio Lower Upper
 112 100
 64 74.5 55.6 83.4
 63 37.6 28.2 42.2





#7

Phenol-d6

Concen: 26.18 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF083374.D

Acq: 1 Dec 2015 12:56

Instrument :

BNA_F

ClientSampleId :

TEC-16

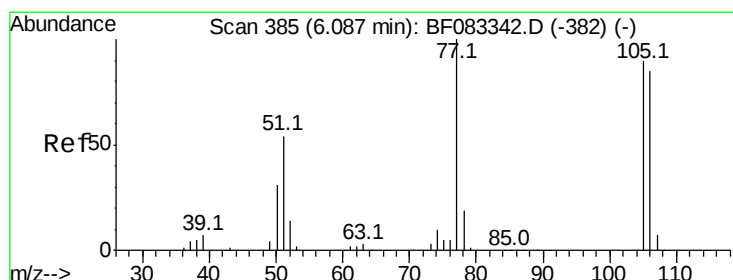
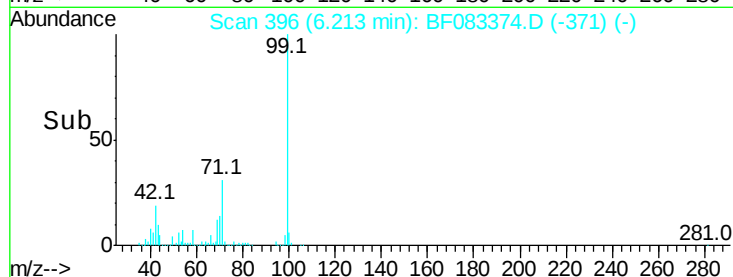
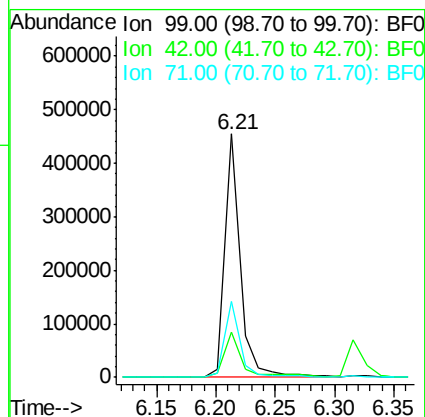
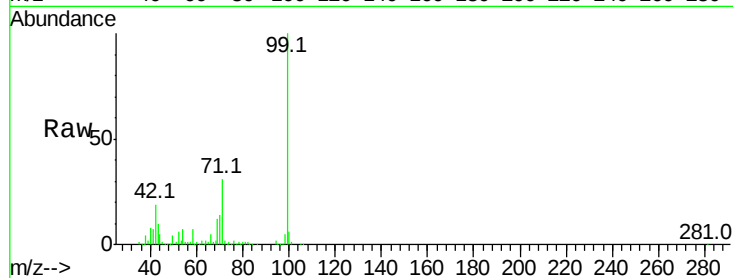
Tot Ion: 99 Resp: 408106

Ion Ratio Lower Upper

99 100

42 18.8 14.9 22.3

71 31.3 24.7 37.1



#9

Benzaldehyde

Concen: 13.94 ng

RT: 6.09 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF083374.D

Acq: 1 Dec 2015 12:56

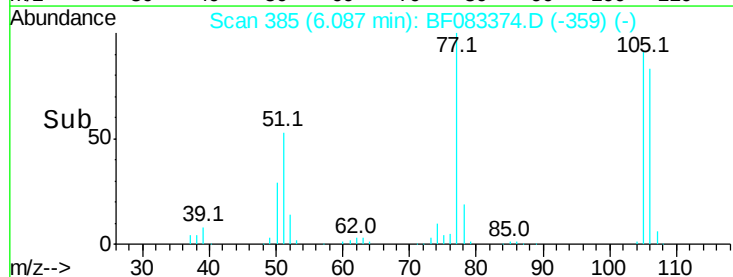
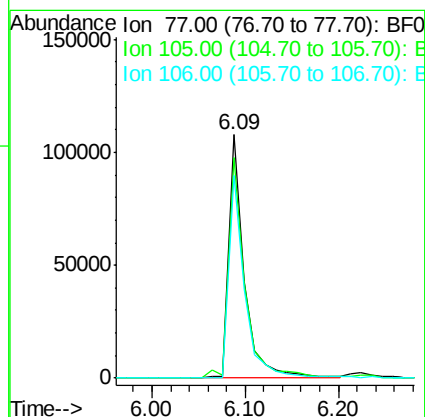
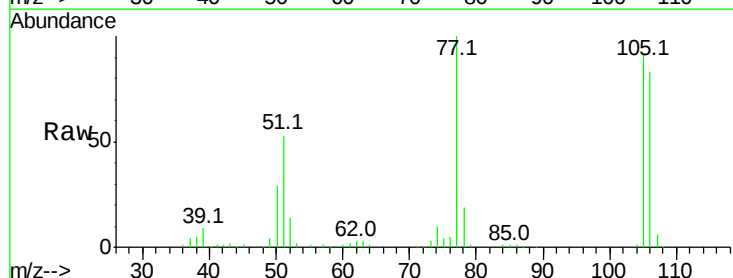
Tgt Ion: 77 Resp: 124607

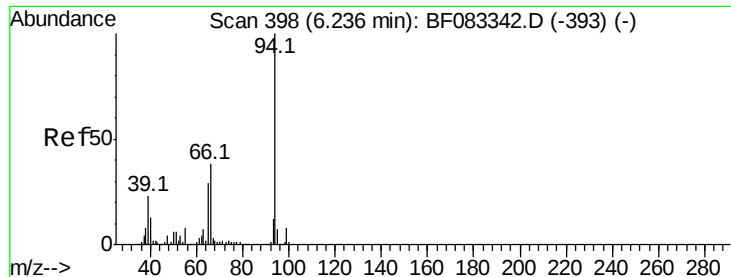
Ion Ratio Lower Upper

77 100

105 90.6 70.0 110.0

106 83.3 65.0 105.0





#10

Phenol

Concen: 10.96 ng

RT: 6.22 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF083374.D

Acq: 1 Dec 2015 12:56

Instrument :

BNA_F

ClientSampleId :

TEC-16

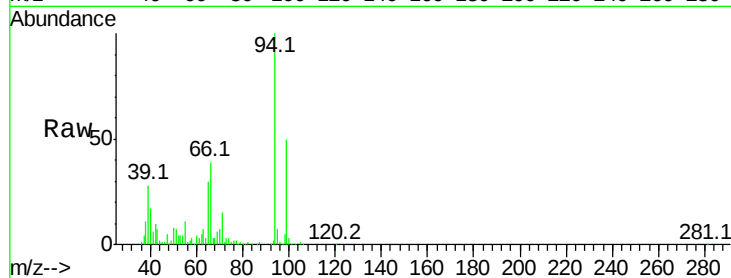
Tot Ion: 94 Resp: 205531

Ion Ratio Lower Upper

94 100

65 30.2 9.5 49.5

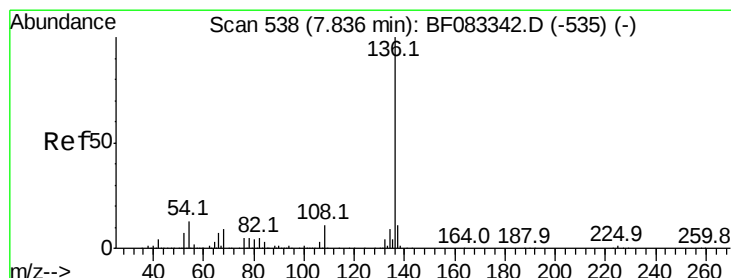
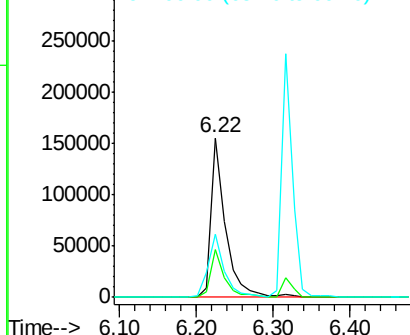
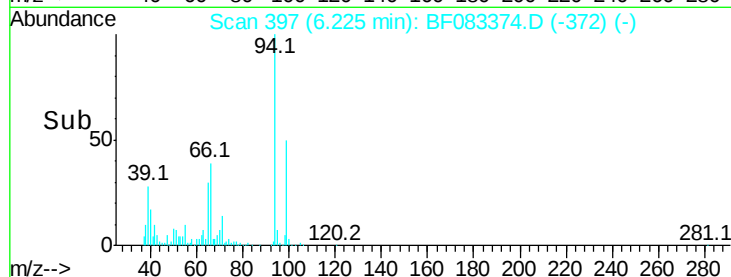
66 39.3 17.9 57.9



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 538

Delta R.T. 0.00 min

Lab File: BF083374.D

Acq: 1 Dec 2015 12:56

Tgt Ion: 136 Resp: 699075

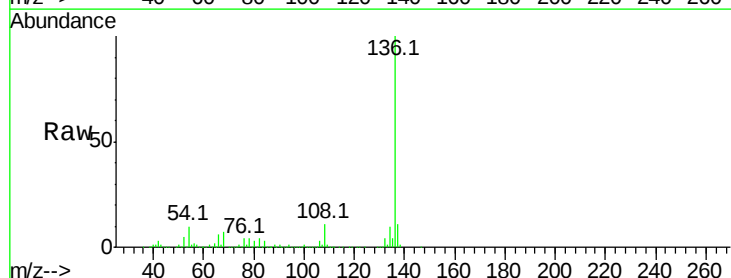
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 10.3 10.1 15.1

68 7.1 7.1 10.7#

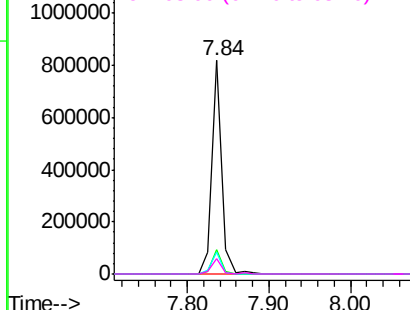
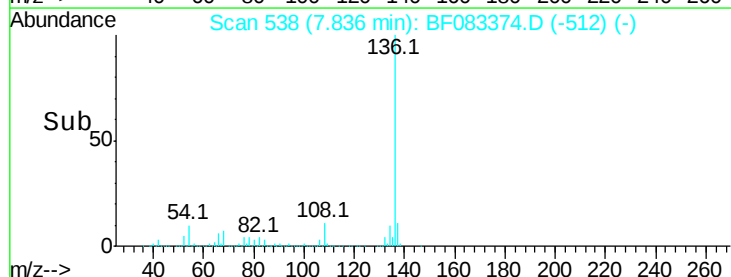


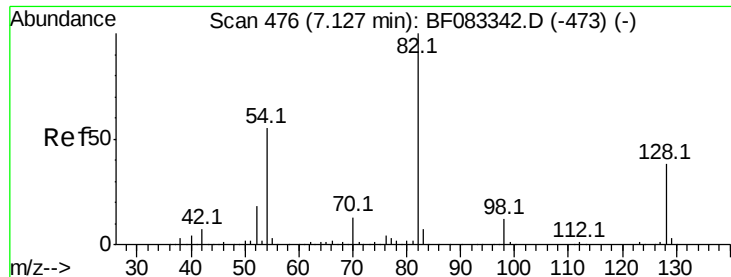
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

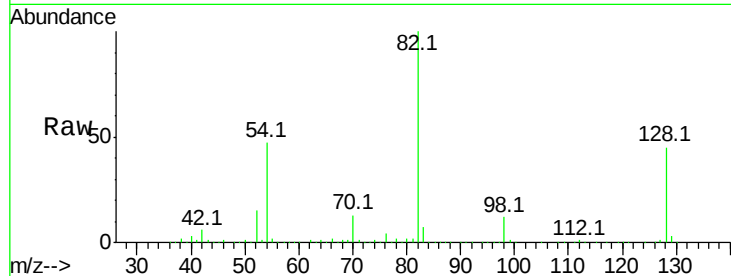




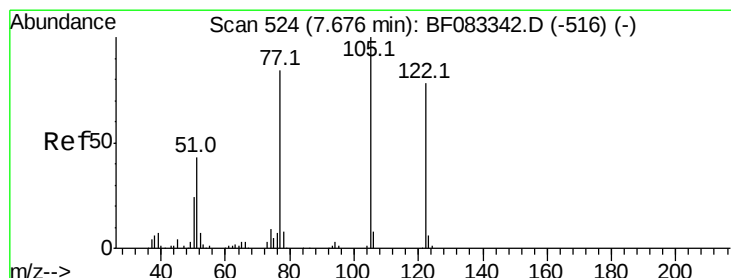
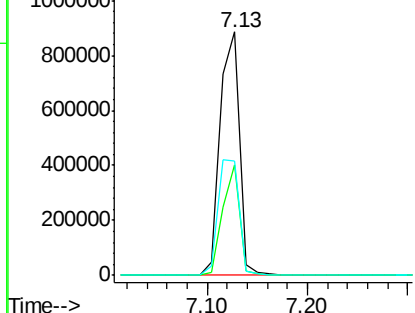
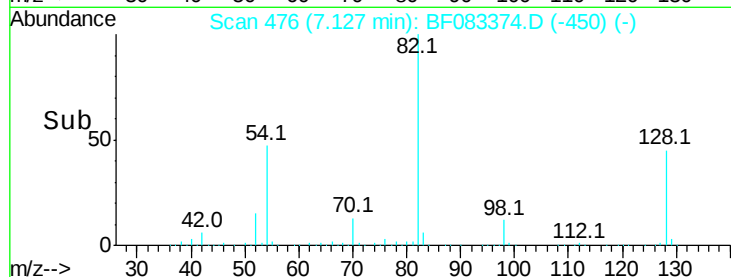
#23
Nitrobenzene-d5
Concen: 74.60 ng
RT: 7.13 min Scan# 476
Delta R.T. 0.00 min
Lab File: BF083374.D
Acq: 1 Dec 2015 12:56

Instrument :
BNA_F
ClientSampled :
TEC-16

Tot Ion: 82 Resp: 1186298
Ion Ratio Lower Upper
82 100
128 45.2 30.6 46.0
54 46.7 43.8 65.6

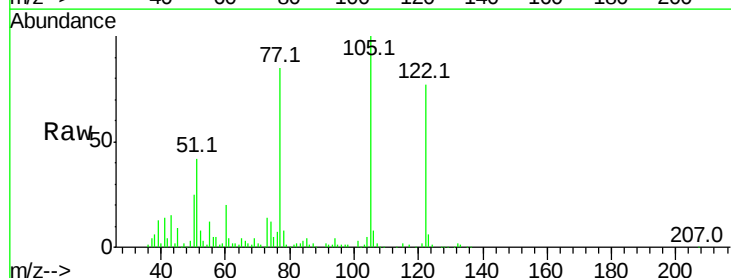


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

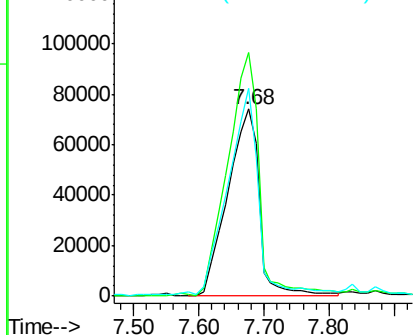
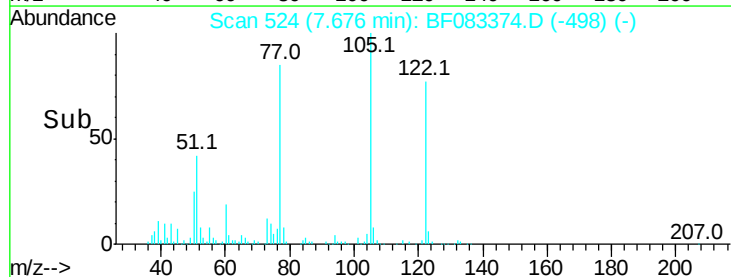


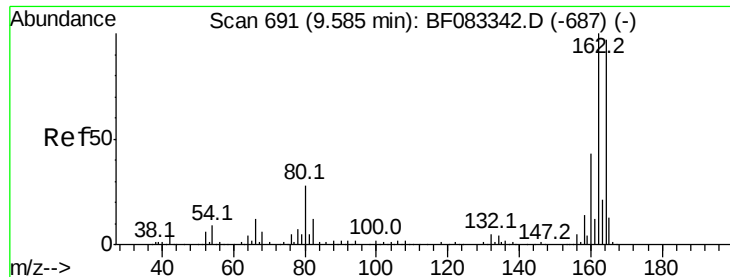
#32
Benzoic acid
Concen: 31.01 ng
RT: 7.68 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF083374.D
Acq: 1 Dec 2015 12:56

Tgt Ion:122 Resp: 248550
Ion Ratio Lower Upper
122 100
105 130.4 106.0 146.0
77 111.1 86.3 126.3



Abundance Ion 122.00 (121.70 to 122.70): B
Ion 105.00 (104.70 to 105.70): B
Ion 77.00 (76.70 to 77.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.58 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF083374.D

Acq: 1 Dec 2015 12:56

Instrument :

BNA_F

ClientSampleId :

TEC-16

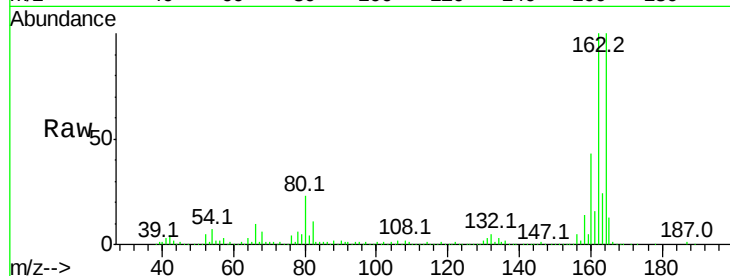
Tot Ion:164 Resp: 339910

Ion Ratio Lower Upper

164 100

162 100.4 82.6 123.8

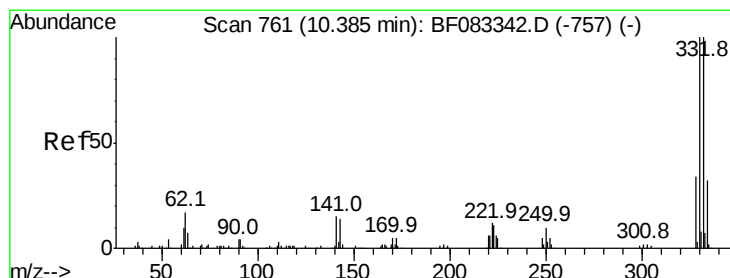
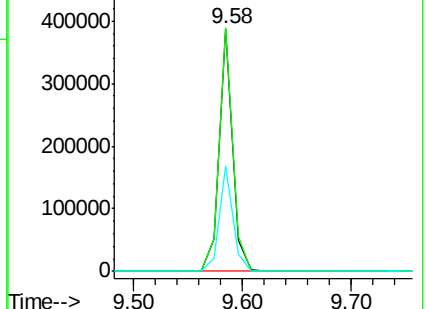
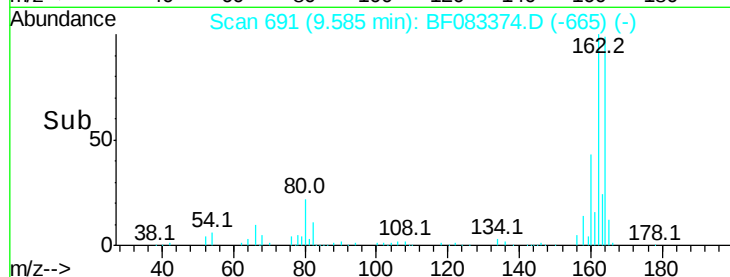
160 43.3 35.3 52.9



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: 73.45 ng

RT: 10.37 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF083374.D

Acq: 1 Dec 2015 12:56

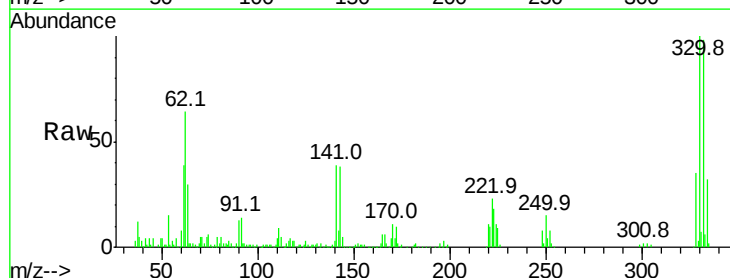
Tgt Ion:330 Resp: 250629

Ion Ratio Lower Upper

330 100

332 97.9 77.8 116.6

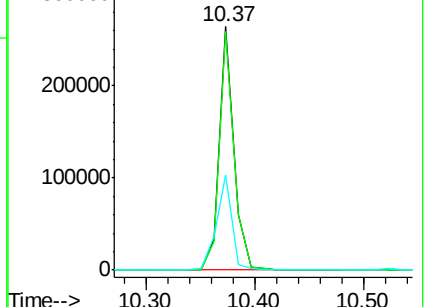
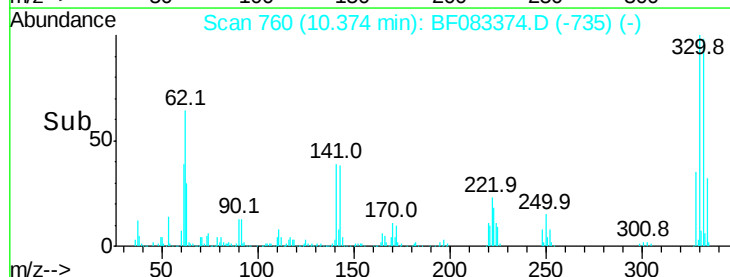
141 41.2 29.4 44.0

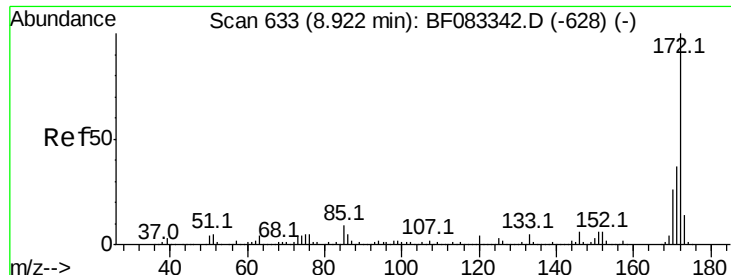


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



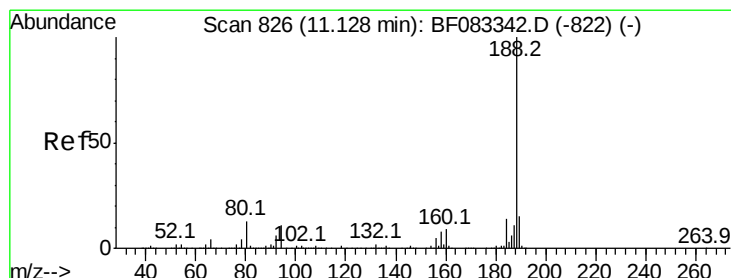
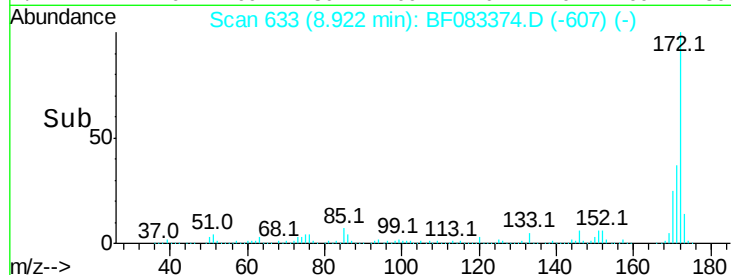
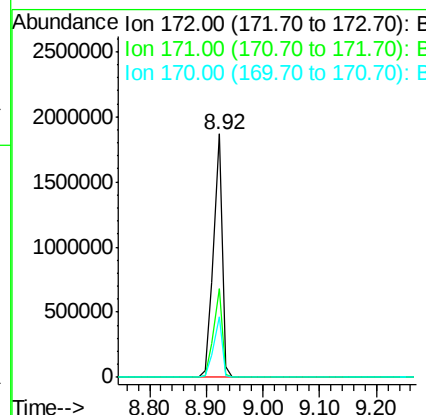
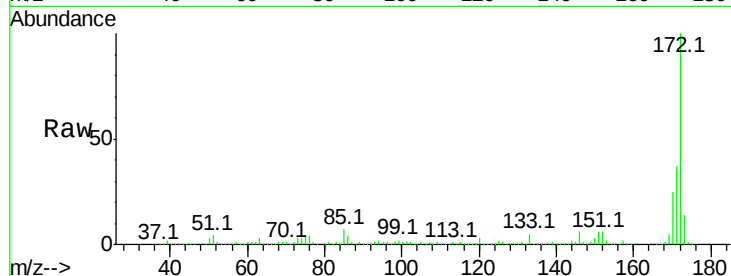


#44
 2-Fluorobiphenyl
 Concen: 79.23 ng
 RT: 8.92 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF083374.D
 Acq: 1 Dec 2015 12:56

Instrument :
 BNA_F
 ClientSampleID :
 TEC-16

Tot Ion:172 Resp: 1889750

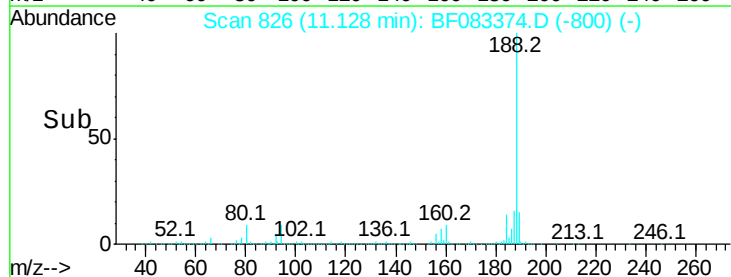
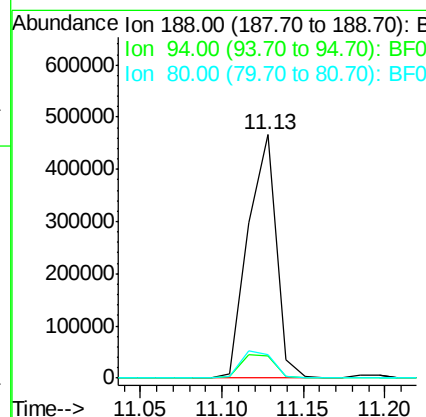
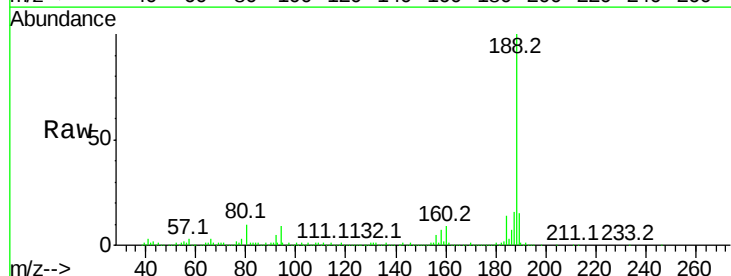
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.0
170	25.0	20.4	30.6

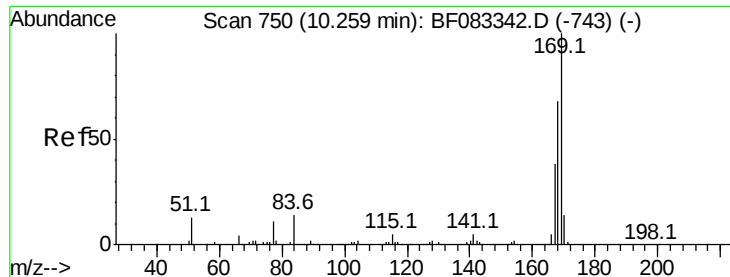


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF083374.D
 Acq: 1 Dec 2015 12:56

Tgt Ion:188 Resp: 558642

Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.7	13.1
80	9.5	10.3	15.5#





#65

n-Nitrosodiphenylamine

Concen: 2.34 ng

RT: 10.25 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF083374.D

Acq: 1 Dec 2015 12:56

Instrument :

BNA_F

ClientSampleId :

TEC-16

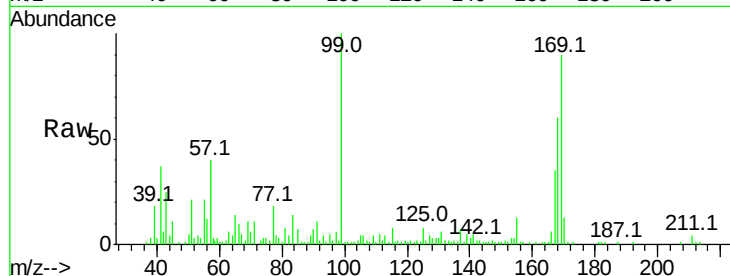
Tot Ion:169 Resp: 45969

Ion Ratio Lower Upper

169 100

168 66.0 54.8 82.2

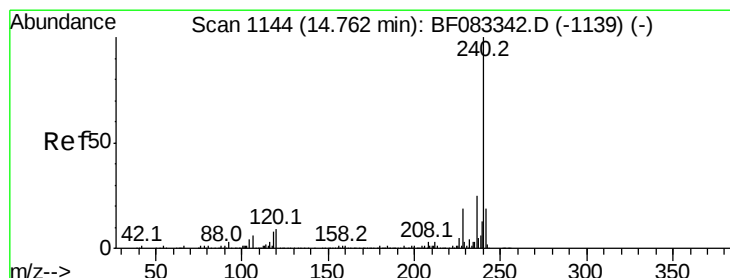
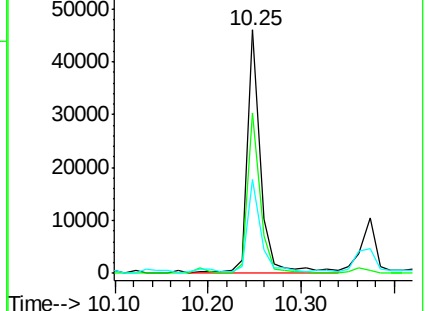
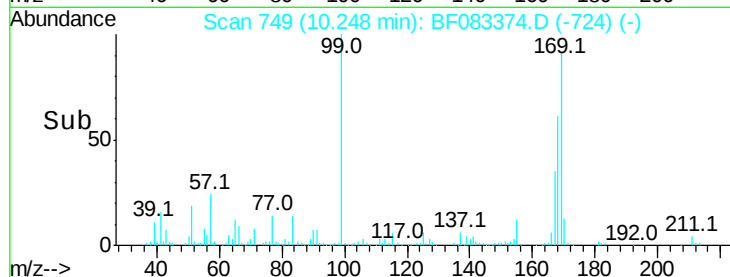
167 38.5 30.2 45.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.76 min Scan# 1144

Delta R.T. 0.00 min

Lab File: BF083374.D

Acq: 1 Dec 2015 12:56

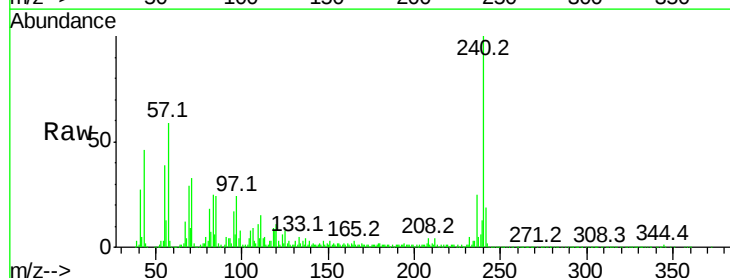
Tgt Ion:240 Resp: 392419

Ion Ratio Lower Upper

240 100

120 10.8 6.9 10.3#

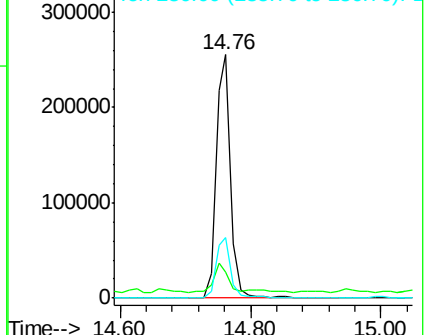
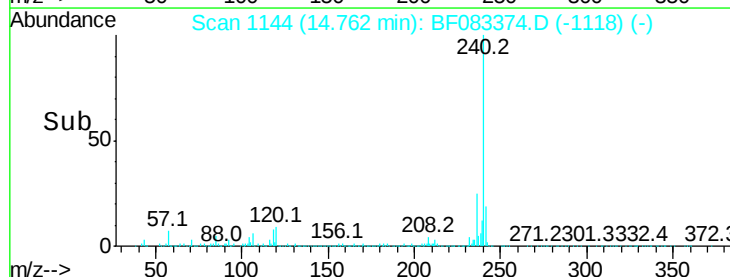
236 25.1 19.8 29.6

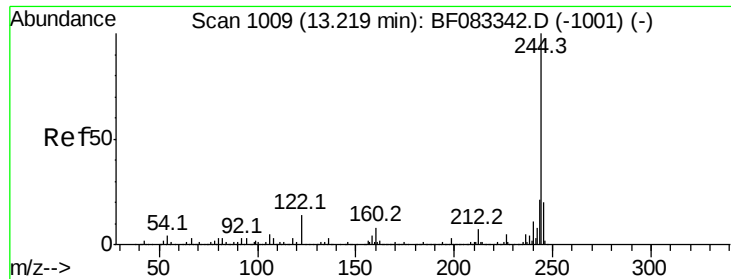


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

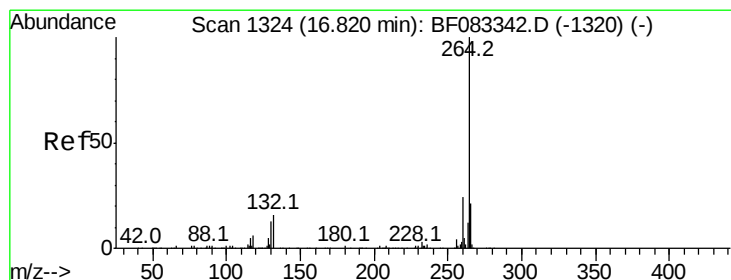
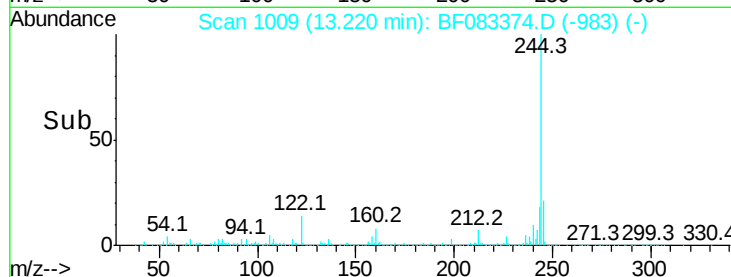
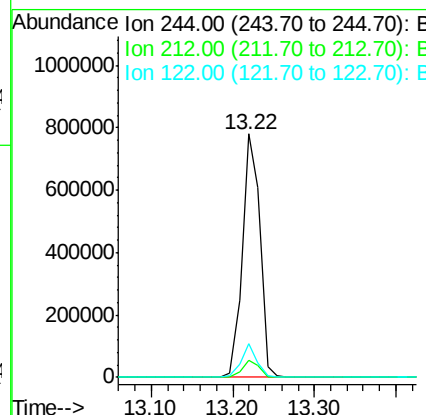
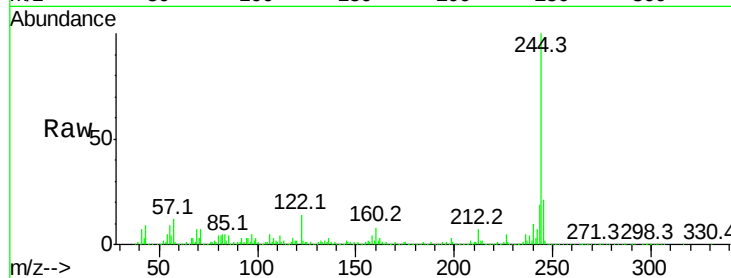




#78
 Terphenyl-d14
 Concen: 70.77 ng
 RT: 13.22 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF083374.D
 Acq: 1 Dec 2015 12:56

Instrument :
 BNA_F
 ClientSampleId :
 TEC-16

Tot Ion:244 Resp: 1164445
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 13.9 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.83 min Scan# 1325
 Delta R.T. 0.01 min
 Lab File: BF083374.D
 Acq: 1 Dec 2015 12:56

Tgt Ion:264 Resp: 387442
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.4
 265 22.0 16.8 25.2

