

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
 Data File : BF085213.D
 Acq On : 4 Mar 2016 20:10
 Operator : SJ/IZ
 Sample : H1647-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-29

Quant Time: Mar 04 22:10:24 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

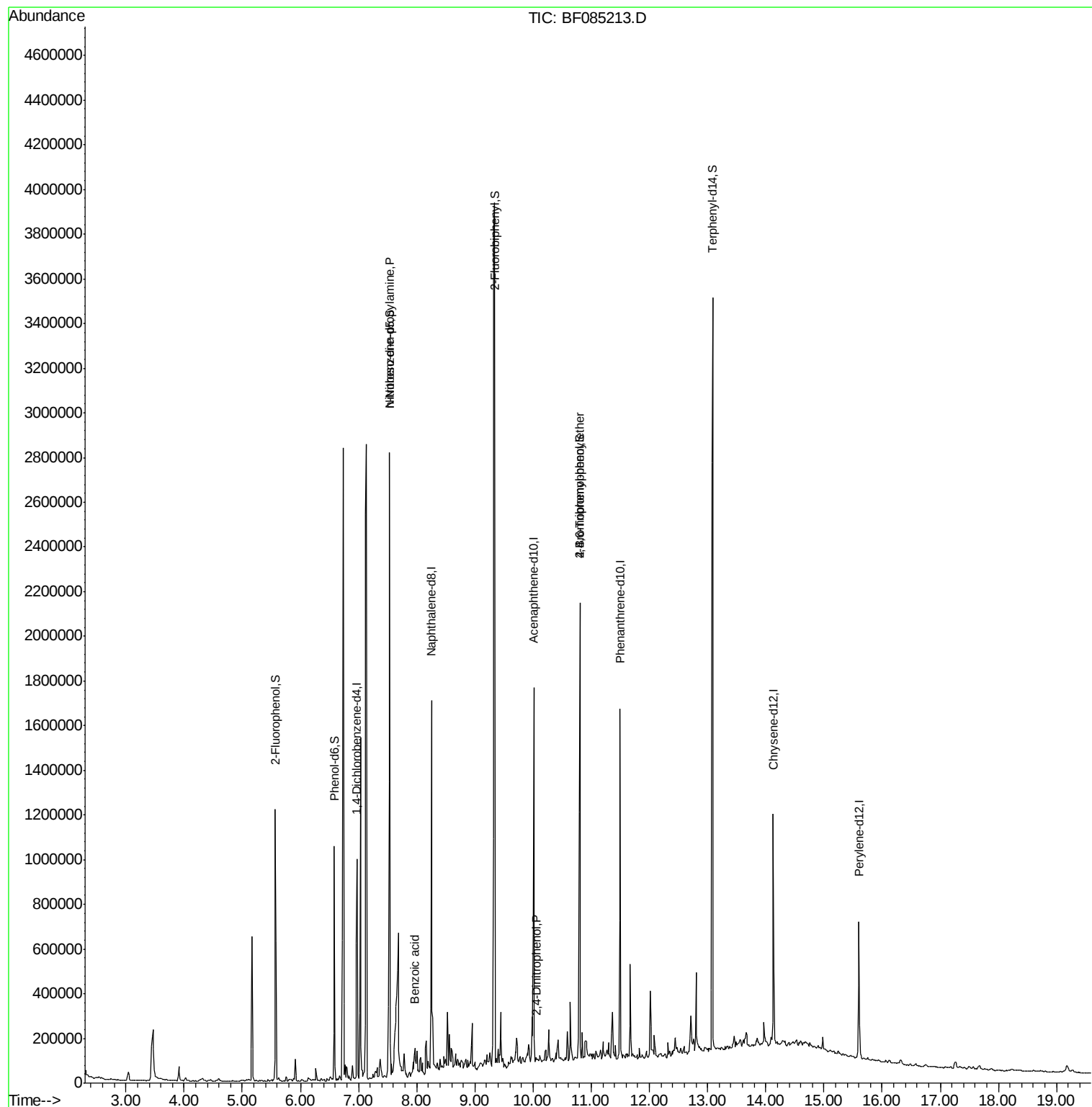
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	187942	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	738732	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	351915	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	615053	20.00	ng	-0.01
75) Chrysene-d12	14.13	240	359737	20.00	ng	-0.02
86) Perylene-d12	15.60	264	273042	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	403612	36.02	ng	-0.01
7) Phenol-d6	6.58	99	345480	23.53	ng	-0.02
23) Nitrobenzene-d5	7.53	82	1079493	78.20	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	280924	93.29	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	1928099	83.32	ng	-0.01
78) Terphenyl-d14	13.09	244	1467554	94.70	ng	0.00
Target Compounds						
9) Benzaldehyde	6.52	77	1801	Below Cal		Qvalue 95
19) n-Nitroso-di-n-propylamine	7.53	70	147782	15.45 ng	#	79
32) Benzoic acid	7.97	122	16732	2.02 ng		93
53) 2,4-Dinitrophenol	10.06	184	695	8.24 ng	#	74
66) 4-Bromophenyl-phenylether	10.80	248	20747	3.47 ng	#	1

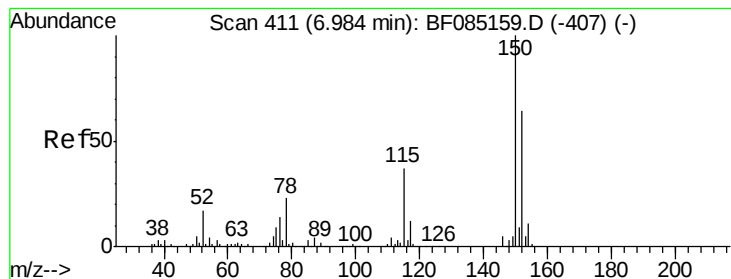
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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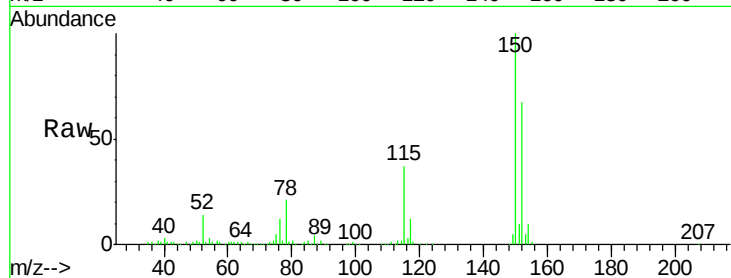




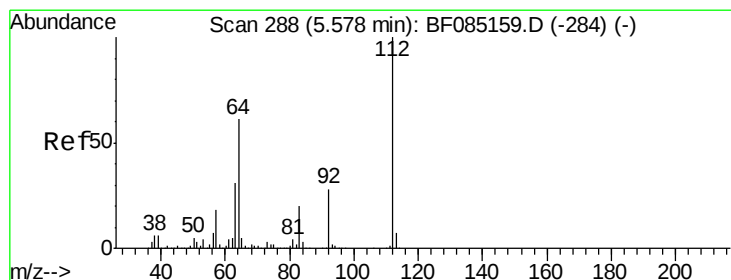
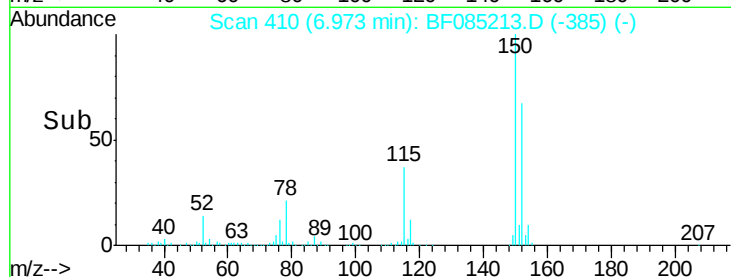
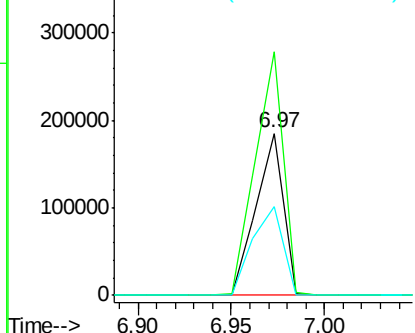
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.97 min Scan# 410
 Delta R.T. -0.01 min
 Lab File: BF085213.D
 Acq: 4 Mar 2016 20:10

Instrument :
 BNA_F
 ClientSampleId :
 TEC-29

Tgt Ion:152 Resp: 187942
 Ion Ratio Lower Upper
 152 100
 150 150.2 124.6 186.8
 115 55.1 46.6 70.0

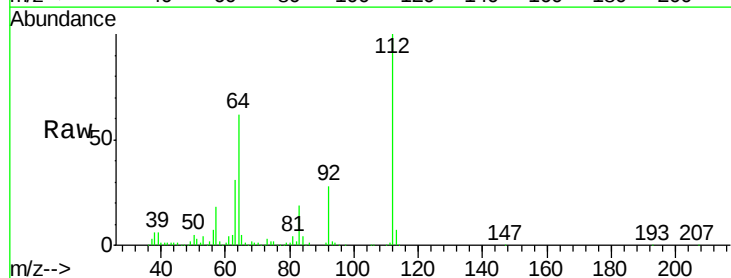


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

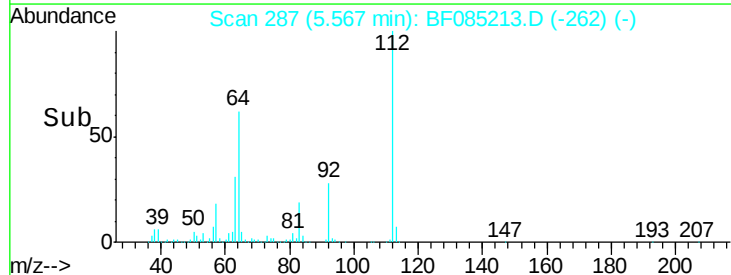
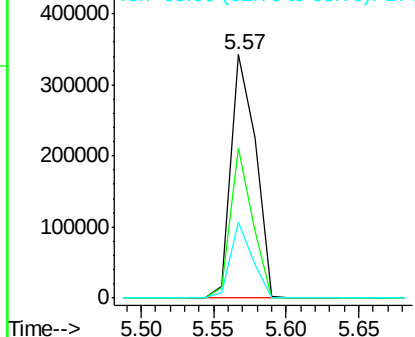


#5
 2-Fluorophenol
 Concen: 36.02 ng
 RT: 5.57 min Scan# 287
 Delta R.T. -0.01 min
 Lab File: BF085213.D
 Acq: 4 Mar 2016 20:10

Tgt Ion:112 Resp: 403612
 Ion Ratio Lower Upper
 112 100
 64 61.9 49.0 73.4
 63 31.0 24.8 37.2



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: 23.53 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF085213.D

Acq: 4 Mar 2016 20:10

Instrument :

BNA_F

ClientSampleId :

TEC-29

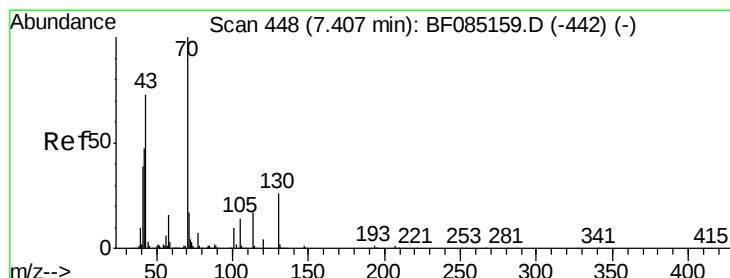
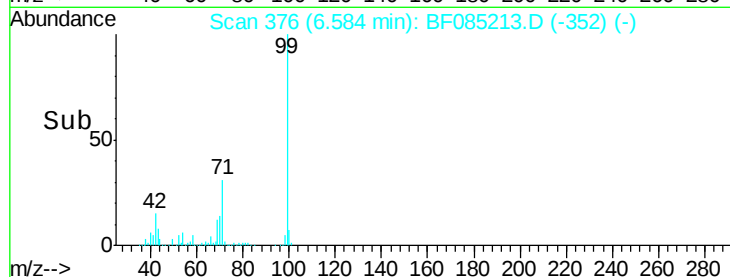
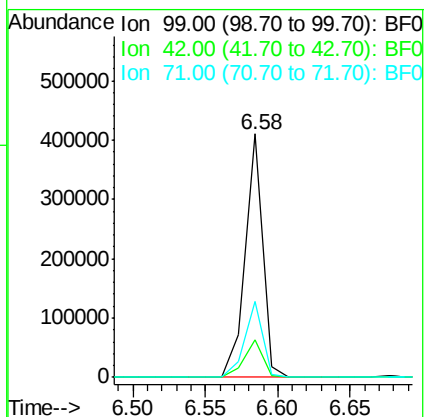
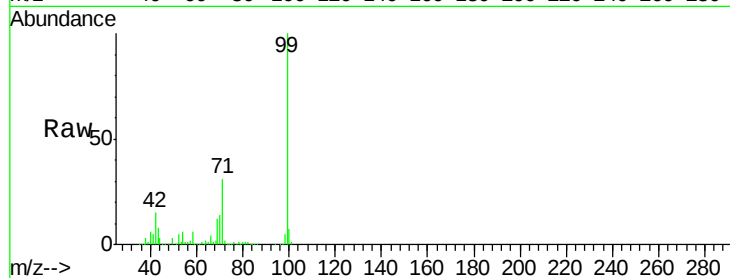
Tgt Ion: 99 Resp: 345480

Ion Ratio Lower Upper

99 100

42 15.2 13.6 20.4

71 31.3 26.7 40.1



#19

n-Nitroso-di-n-propylamine

Concen: 15.45 ng

RT: 7.53 min Scan# 459

Delta R.T. 0.13 min

Lab File: BF085213.D

Acq: 4 Mar 2016 20:10

Tgt Ion: 70 Resp: 147782

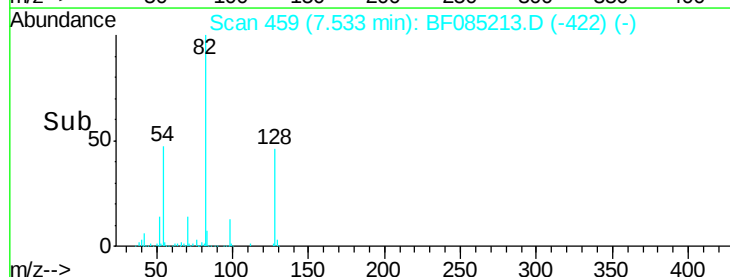
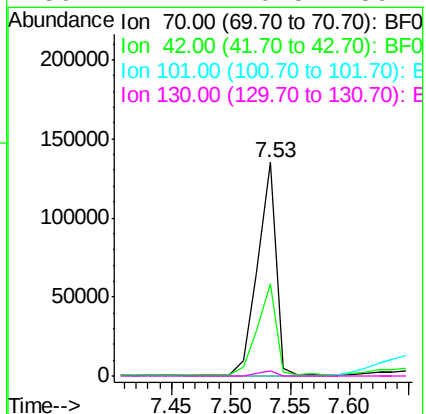
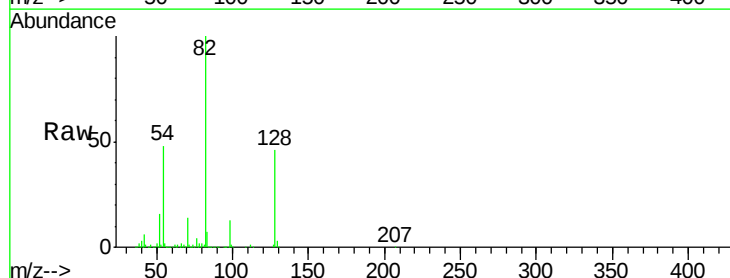
Ion Ratio Lower Upper

70 100

42 43.1 37.7 56.5

101 0.0 8.2 12.4#

130 2.2 20.5 30.7#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.25 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF085213.D

Acq: 4 Mar 2016 20:10

Instrument :

BNA_F

ClientSampleId :

TEC-29

Tgt Ion:136 Resp: 738732

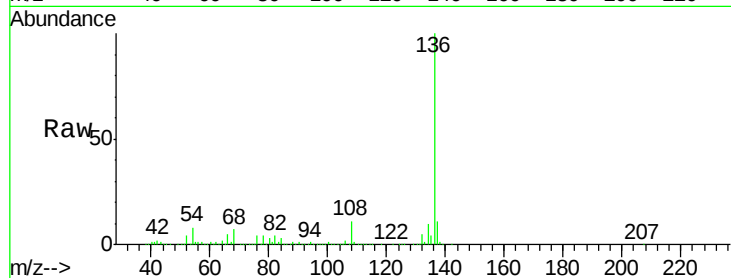
Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 8.2 7.4 11.2

68 6.8 6.0 9.0

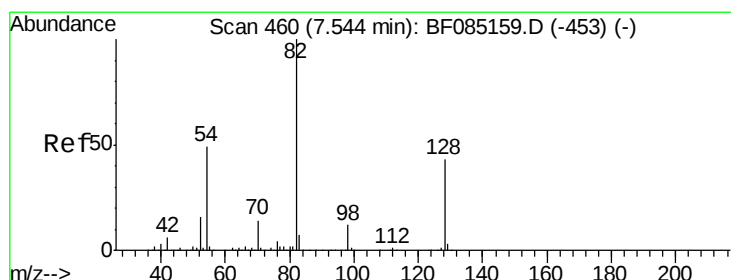
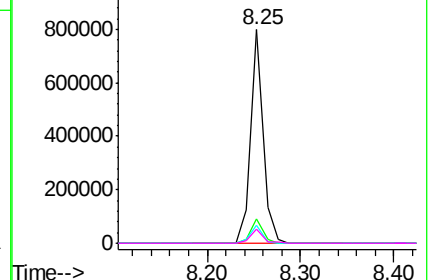
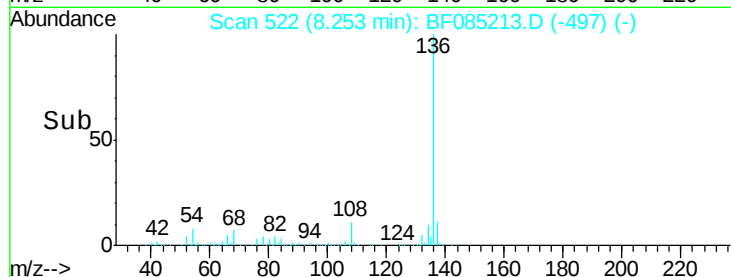


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.20 ng

RT: 7.53 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF085213.D

Acq: 4 Mar 2016 20:10

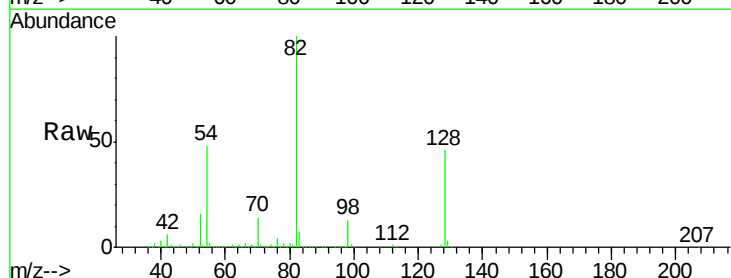
Tgt Ion: 82 Resp: 1079493

Ion Ratio Lower Upper

82 100

128 45.5 34.5 51.7

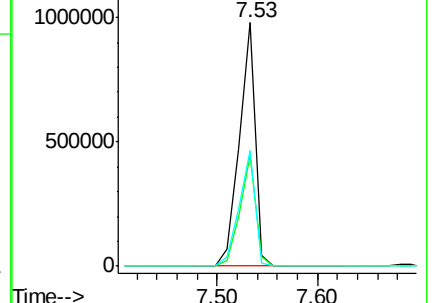
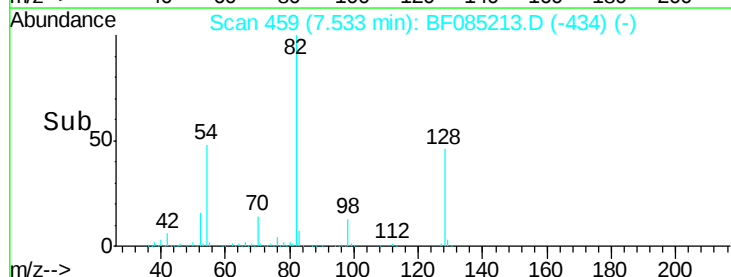
54 47.6 39.3 58.9

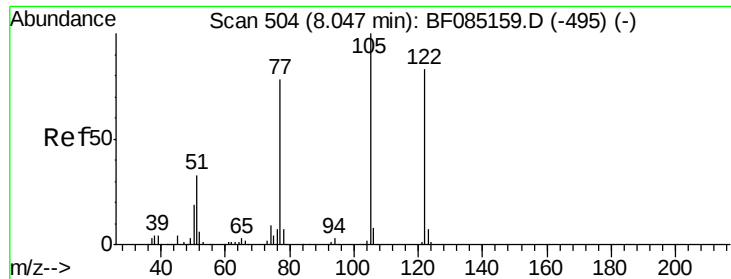


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

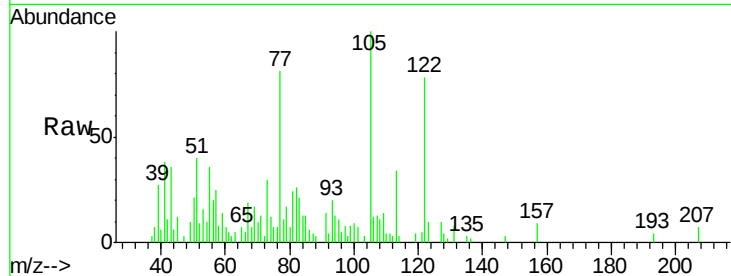




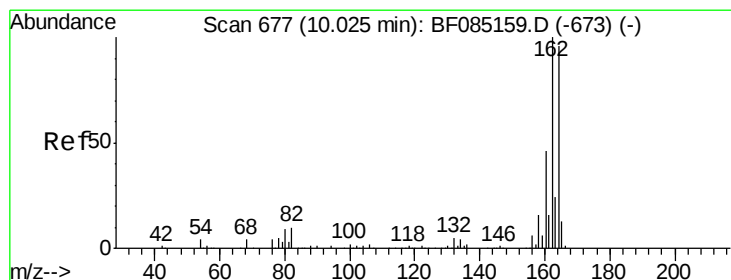
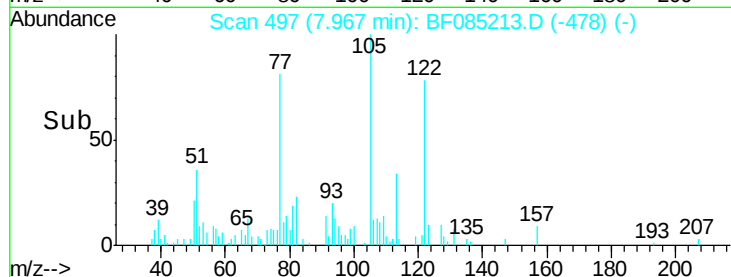
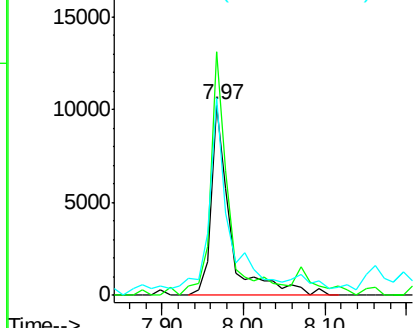
#32
Benzoic acid
Concen: 2.02 ng
RT: 7.97 min Scan# 497
Delta R.T. -0.08 min
Lab File: BF085213.D
Acq: 4 Mar 2016 20:10

Instrument :
BNA_F
ClientSampleId :
TEC-29

Tgt Ion:122 Resp: 16732
Ion Ratio Lower Upper
122 100
105 128.0 101.3 141.3
77 103.8 74.7 114.7

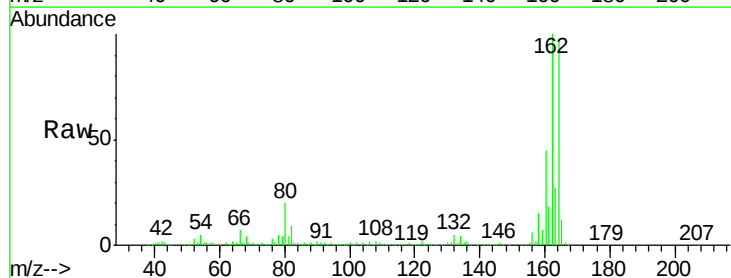


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

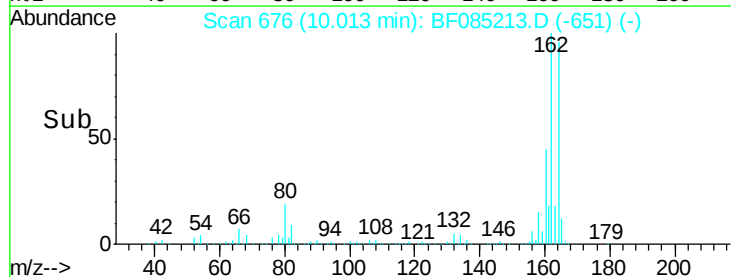
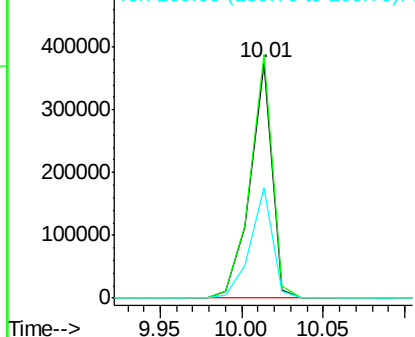


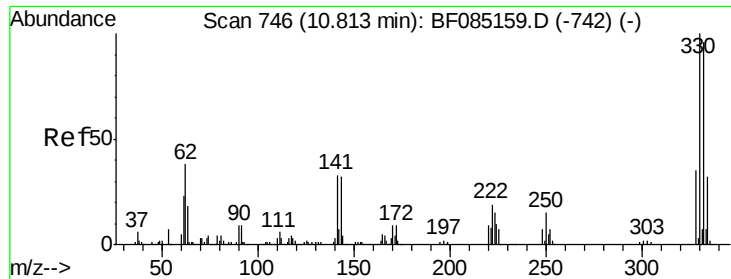
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF085213.D
Acq: 4 Mar 2016 20:10

Tgt Ion:164 Resp: 351915
Ion Ratio Lower Upper
164 100
162 103.6 83.3 124.9
160 46.8 37.9 56.9



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

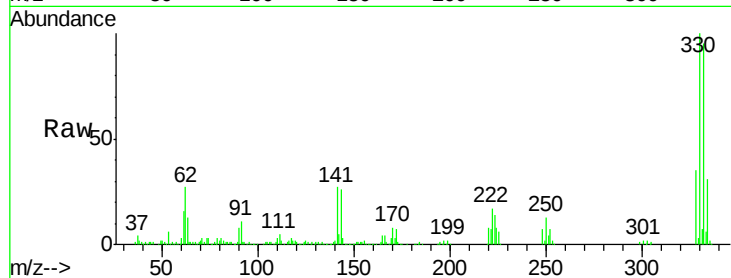




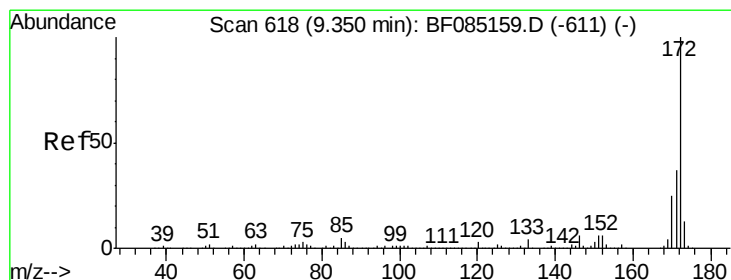
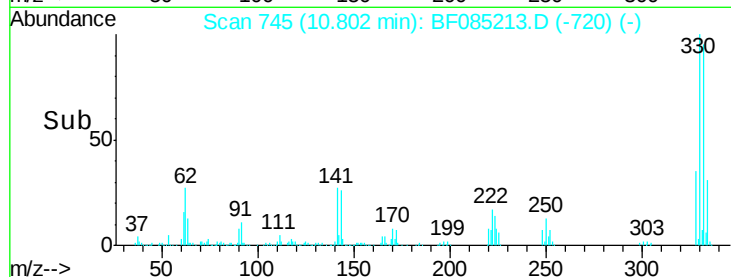
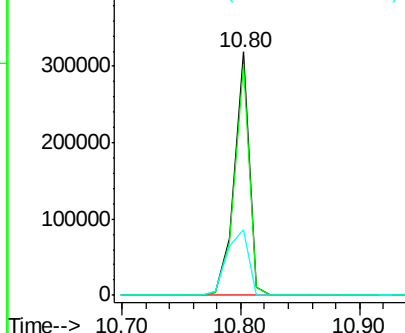
#41
 2,4,6-Tribromophenol
 Concen: 93.29 ng
 RT: 10.80 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF085213.D
 Acq: 4 Mar 2016 20:10

Instrument :
 BNA_F
 ClientSampleId :
 TEC-29

Tgt Ion:330 Resp: 280924
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.1 115.7
 141 38.9 35.0 52.6

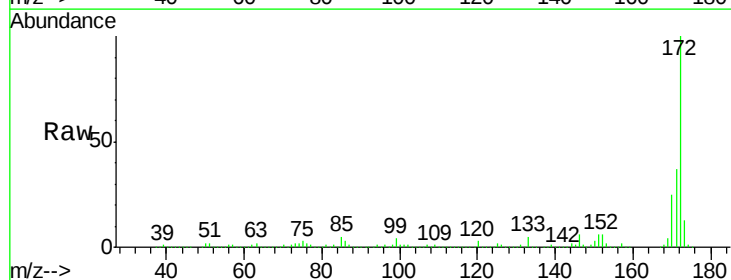


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

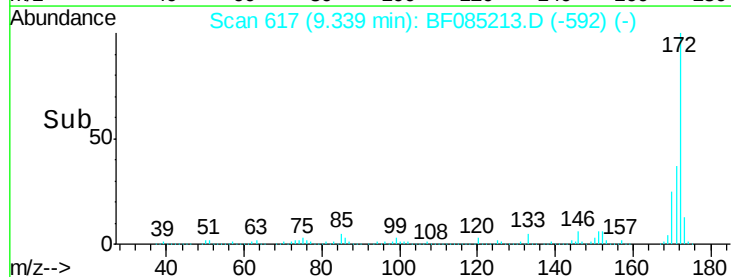
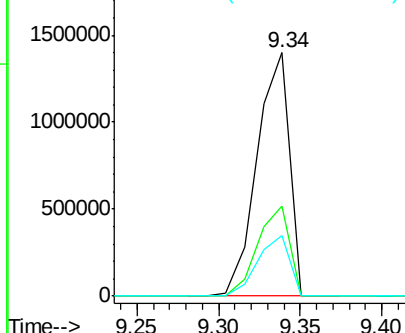


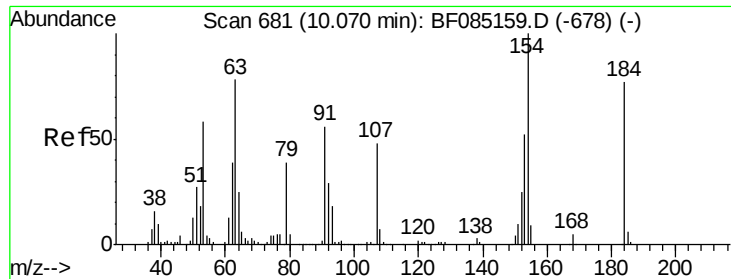
#44
 2-Fluorobiphenyl
 Concen: 83.32 ng
 RT: 9.34 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF085213.D
 Acq: 4 Mar 2016 20:10

Tgt Ion:172 Resp: 1928099
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.3 43.9
 170 24.9 20.0 30.0



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

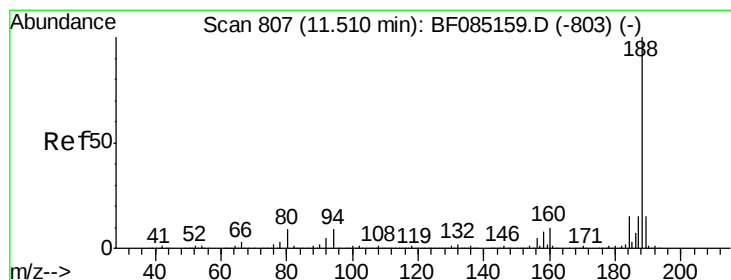
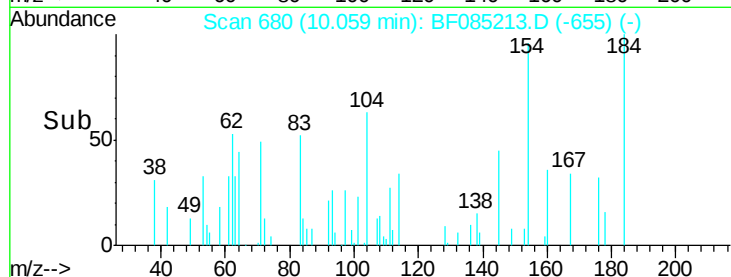
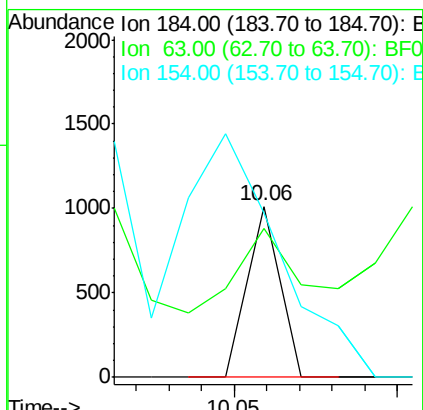
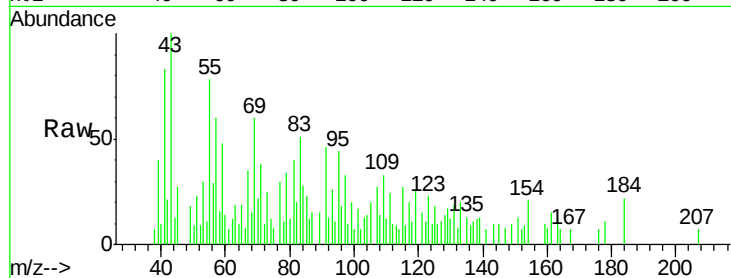




#53
 2,4-Dinitrophenol
 Concen: 8.24 ng
 RT: 10.06 min Scan# 680
 Delta R.T. -0.01 min
 Lab File: BF085213.D
 Acq: 4 Mar 2016 20:10

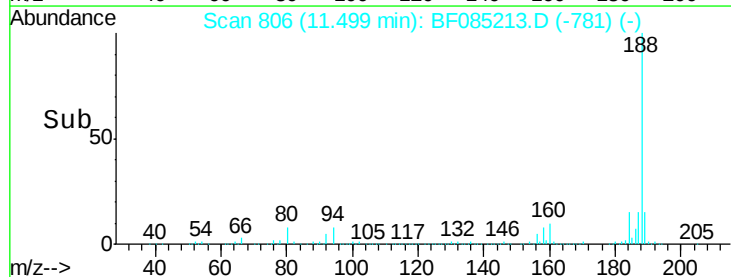
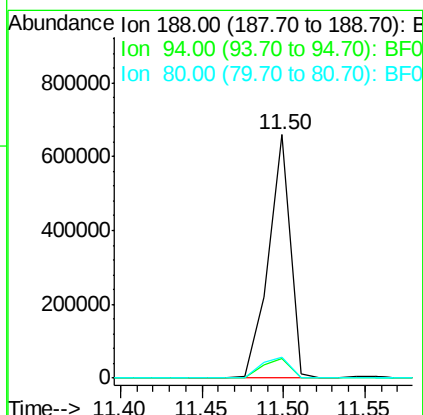
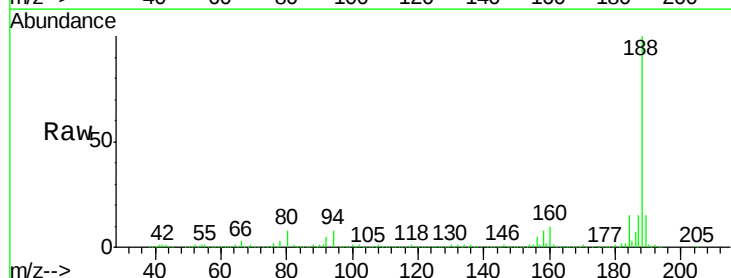
Instrument :
 BNA_F
 ClientSampled :
 TEC-29

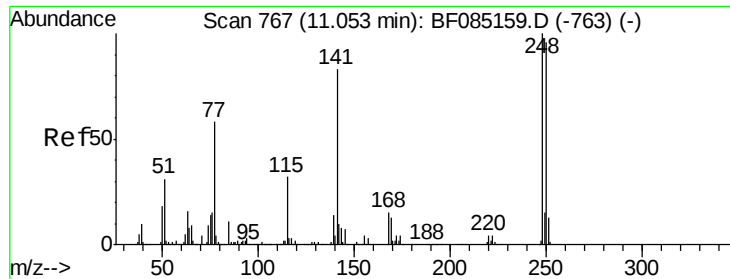
Tgt Ion:184 Resp: 695
 Ion Ratio Lower Upper
 184 100
 63 87.1 82.2 123.4
 154 95.7 108.9 163.3#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.50 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF085213.D
 Acq: 4 Mar 2016 20:10

Tgt Ion:188 Resp: 615053
 Ion Ratio Lower Upper
 188 100
 94 8.3 7.0 10.6
 80 8.4 7.4 11.0





#66

4-Bromophenyl-phenylether

Concen: 3.47 ng

RT: 10.80 min Scan# 745

Delta R.T. -0.25 min

Lab File: BF085213.D

Acq: 4 Mar 2016 20:10

Instrument :

BNA_F

ClientSampleId :

TEC-29

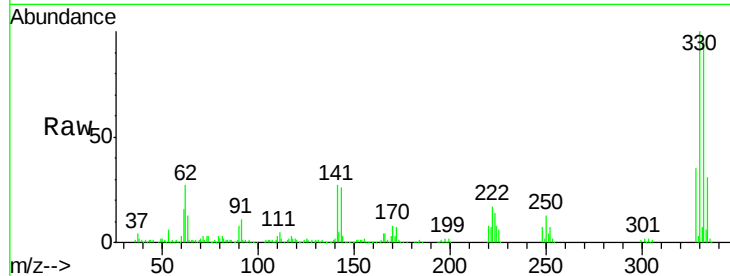
Tgt Ion:248 Resp: 20747

Ion Ratio Lower Upper

248 100

250 197.3 77.1 115.7#

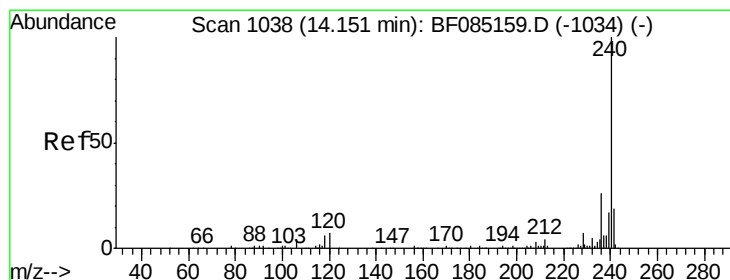
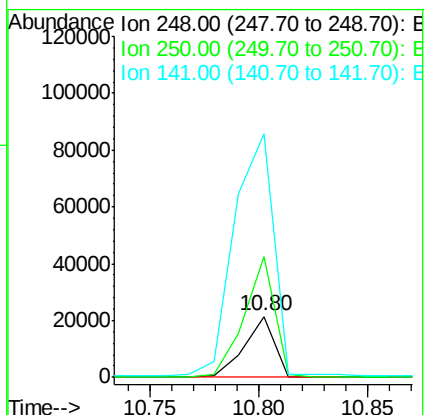
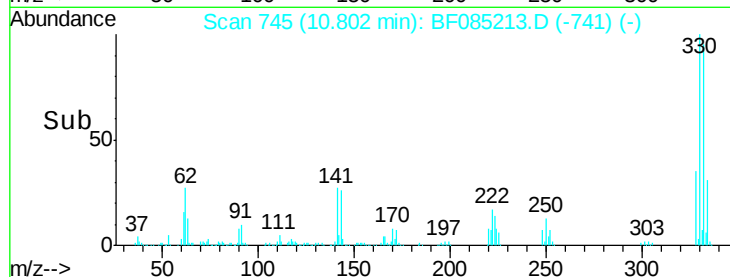
141 400.0 66.2 99.2#



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: 14.13 min Scan# 1036

Delta R.T. -0.02 min

Lab File: BF085213.D

Acq: 4 Mar 2016 20:10

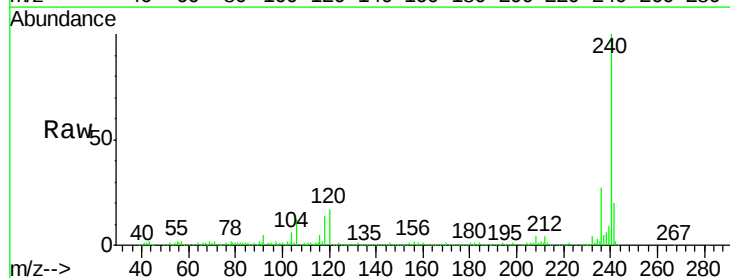
Tgt Ion:240 Resp: 359737

Ion Ratio Lower Upper

240 100

120 17.1 5.3 7.9#

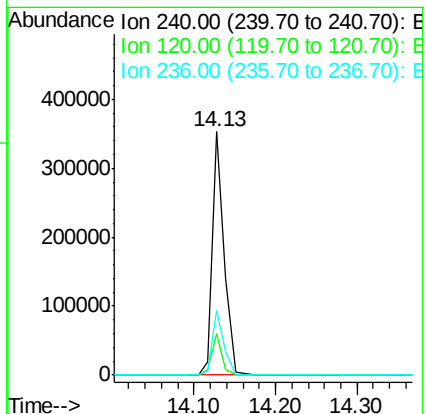
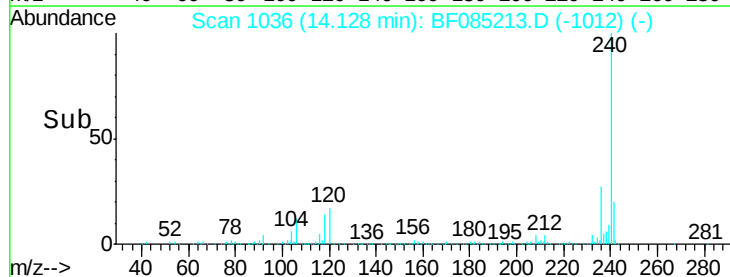
236 26.6 20.7 31.1

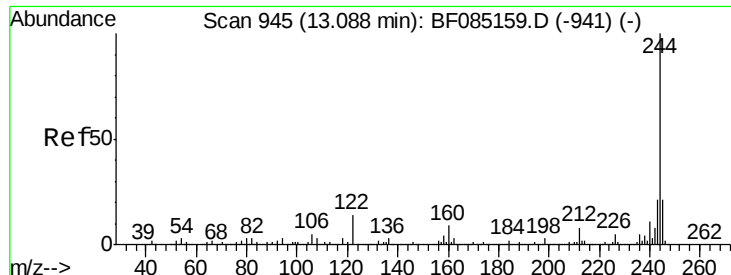


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 94.70 ng

RT: 13.09 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF085213.D

Acq: 4 Mar 2016 20:10

Instrument :

BNA_F

ClientSampleId :

TEC-29

Tgt Ion:244 Resp: 1467554

Ion Ratio Lower Upper

244 100

212 6.7

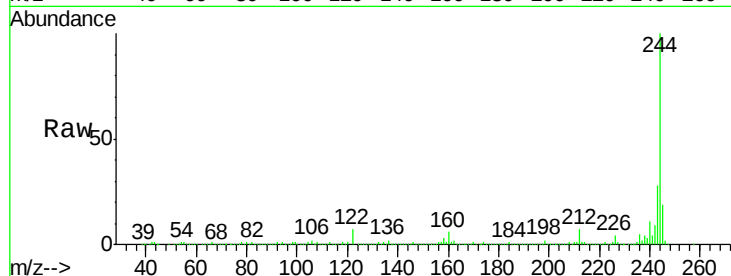
6.4

9.6

122 7.1

11.4

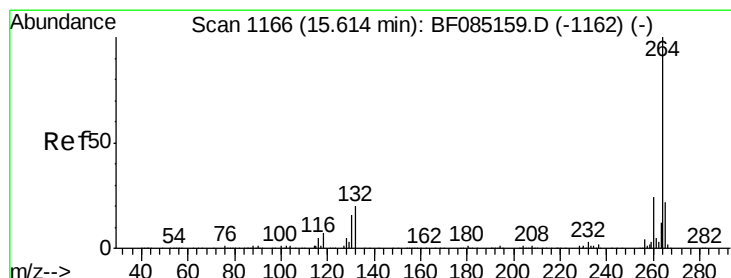
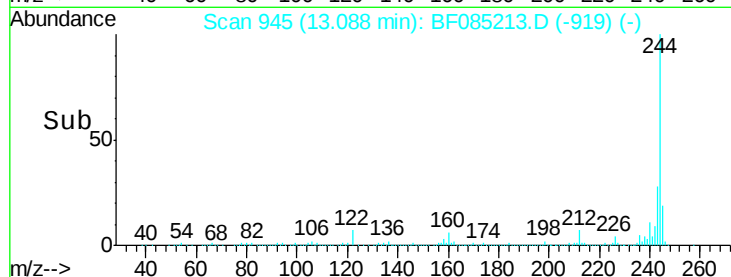
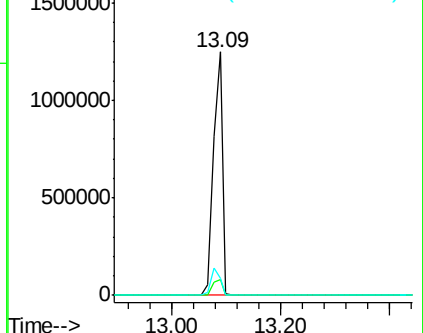
17.2#



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: 15.60 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF085213.D

Acq: 4 Mar 2016 20:10

Tgt Ion:264 Resp: 273042

Ion Ratio Lower Upper

264 100

260 24.1

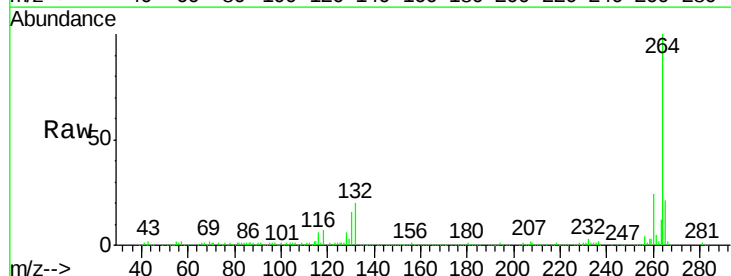
19.2

28.8

265 21.0

17.3

25.9



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

